PRIMARY MATHEMATICS 3A

WORKBOOK Part Two

Third Edition

Name _____

Class _____

School _____

CURRICULUM PLANNING & DEVELOPMENT DIVISION
MINISTRY OF EDUCATION, SINGAPORE

PRIMARY MATHEMATICS 3A

WORKBOOK Part Two

Third Edition

Primary Mathematics Project Team

Project Director
Dr Kho Tek Hong

Team Members
Chee Kum Hoong, Hector
Chip Wai Lung
Liang Hin Hoon
Lim Eng Tann
Lim Hui Cheng, Rosalind
Ng Hwee Wan
Ng Siew Lee

Curriculum Specialists
Cheong Ngan Peng, Christina
Ho Juan Beng
Sin Kwai Meng

CURRICULUM PLANNING & DEVELOPMENT DIVISION
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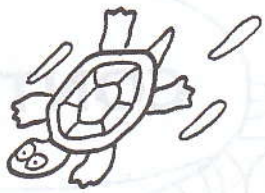
5 Money



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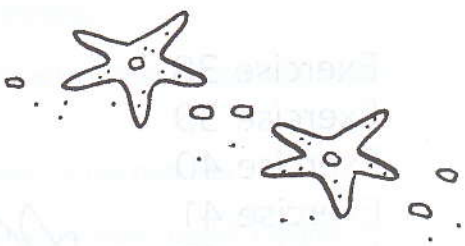


EXERCISE 28

1. Complete the number patterns.

(a) 2, 4, ▲, 8, 10, ▲, 14, ▲

(b) 9, 12, 15, □, 21, □, 27, □

(c) 12, 16, ◇, 24, 28, 32, ◇, ◇

(d) 20, ○, 30, 35, ○, 45, ○, ○

(e) 30, 40, ▽, ▽, 70, 80, ▽, 100

2. Complete the tables.

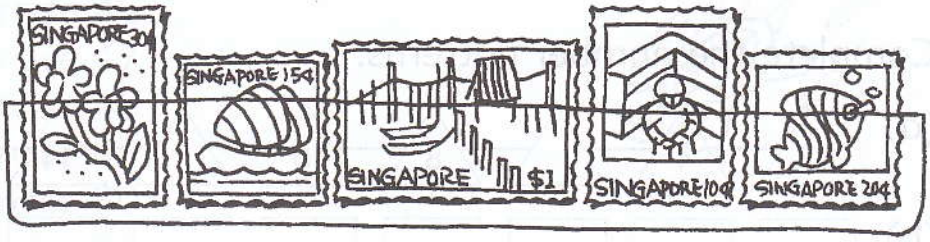
(a) A tricycle has 3 wheels.

Number of tricycles	1	2	3	4	5	6	7	8	9	10
Number of wheels	3			12					27	

(b) A square has 4 sides.

Number of squares	1	2	3	4	5	6	7	8	9	10
Number of sides	4				20			32		

(c) There are 5 stamps in a set.



Number of sets	1	2	3	4	5	6	7	8	9	10
Number of stamps	5			20						

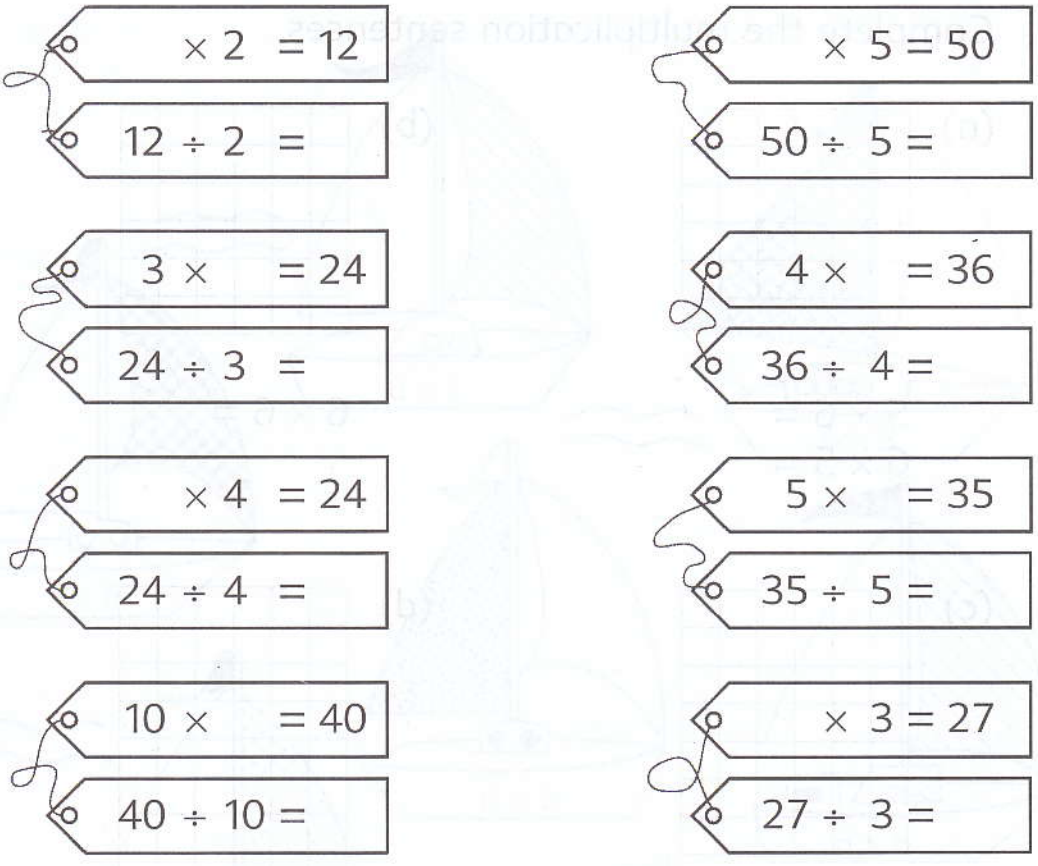
(d)

×	1	2	3	4	5	6	7	8	9	10
3						18				
4			12							
5								40		
10					50					

3. Multiply.

(a) $5 \times 2 =$	(b) $4 \times 4 =$
(c) $9 \times 3 =$	(d) $3 \times 6 =$
(e) $6 \times 10 =$	(f) $2 \times 8 =$
(g) $7 \times 5 =$	(h) $10 \times 1 =$
(i) $4 \times 8 =$	(j) $5 \times 7 =$

4. Complete the number sentences.

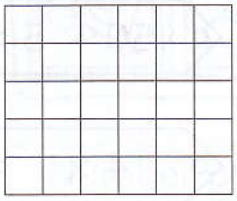


5. Divide.

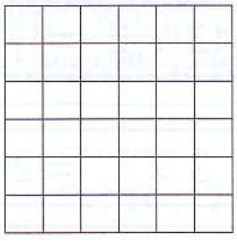
(a) 36 ÷ 4 =	(b) 45 ÷ 5 =
(c) 30 ÷ 10 =	(d) 16 ÷ 2 =
(e) 21 ÷ 3 =	(f) 20 ÷ 4 =
(g) 30 ÷ 5 =	(h) 12 ÷ 3 =
(i) 12 ÷ 2 =	(j) 12 ÷ 4 =

EXERCISE 29

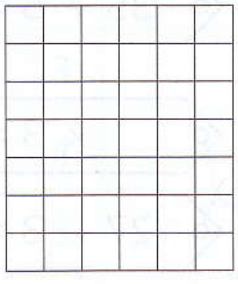
1. Complete the multiplication sentences.

(a) 

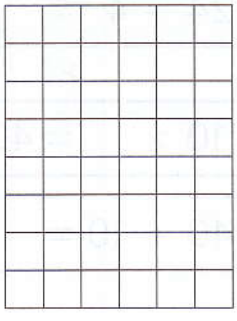
$5 \times 6 =$
$6 \times 5 =$

(b) 

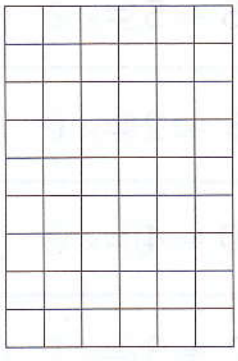
$6 \times 6 =$

(c) 

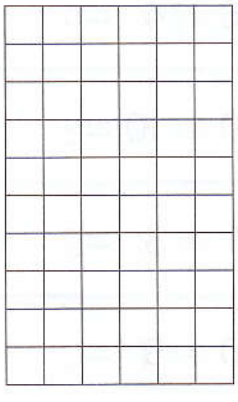
$7 \times 6 =$
$6 \times 7 =$

(d) 

$8 \times 6 =$
$6 \times 8 =$

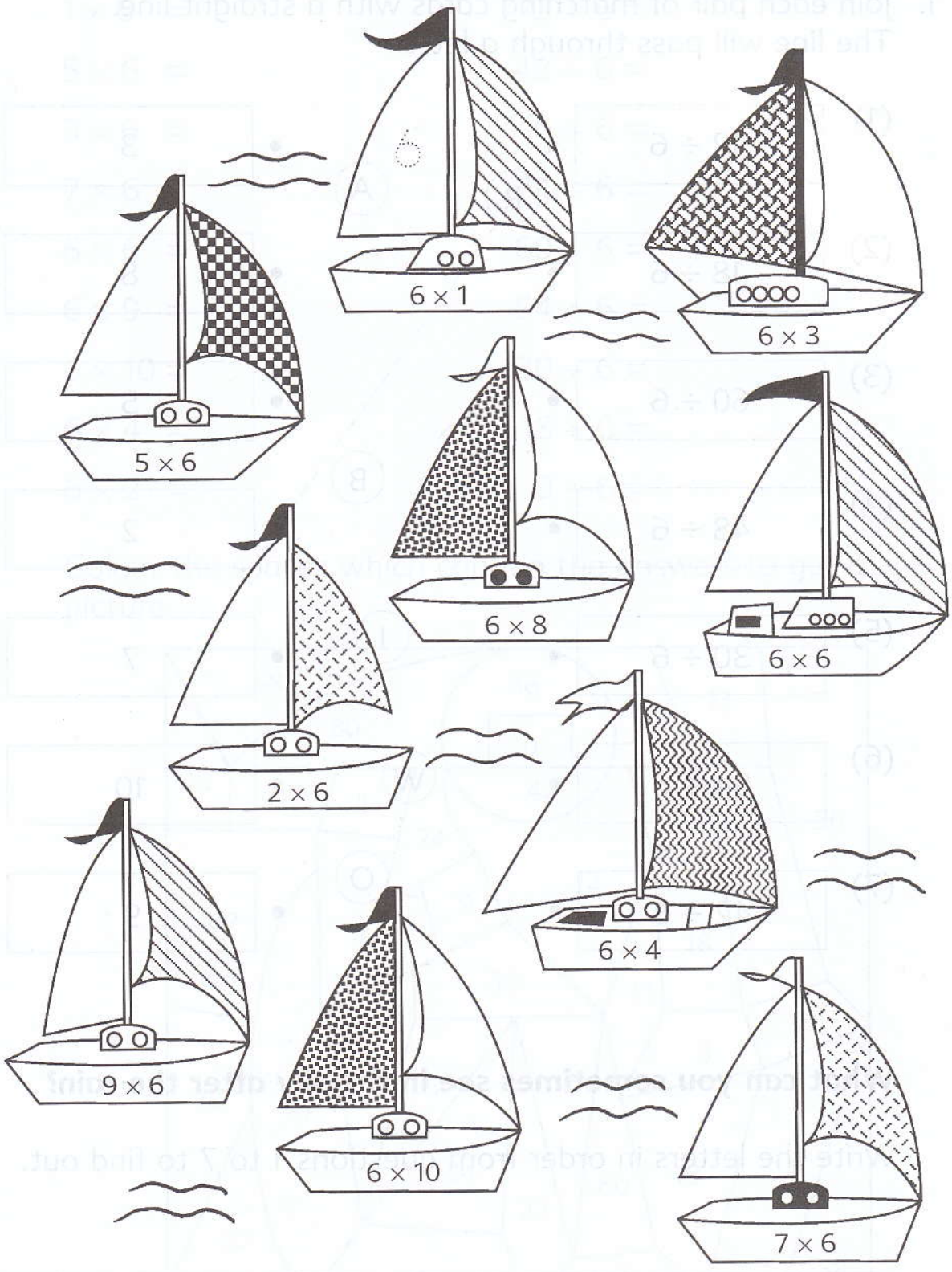
(e) 

$9 \times 6 =$
$6 \times 9 =$

(f) 

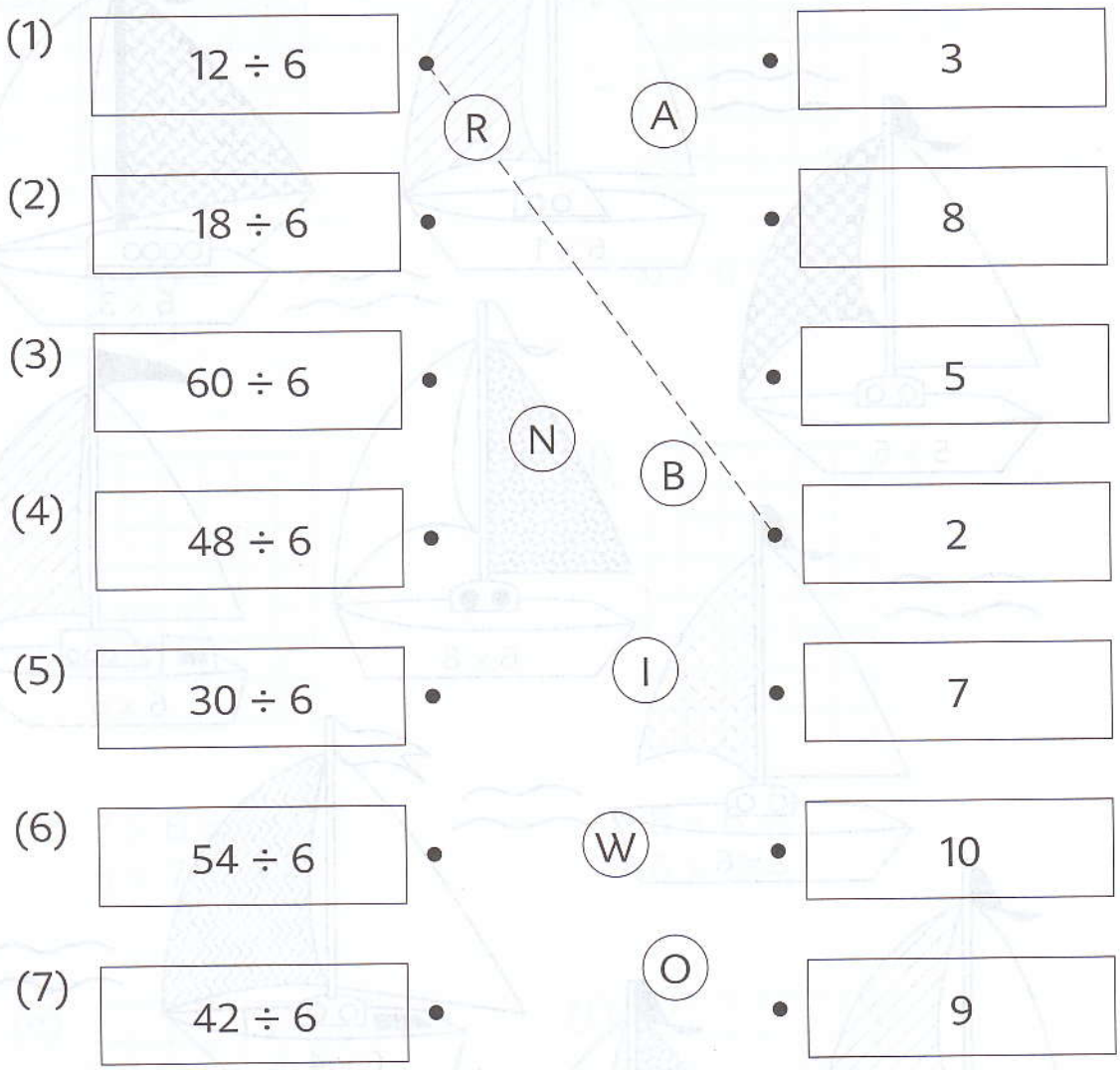
$10 \times 6 =$
$6 \times 10 =$

2. Multiply.



EXERCISE 30

1. Join each pair of matching cards with a straight line.
   The line will pass through a letter.



What can you sometimes see in the sky after the rain?

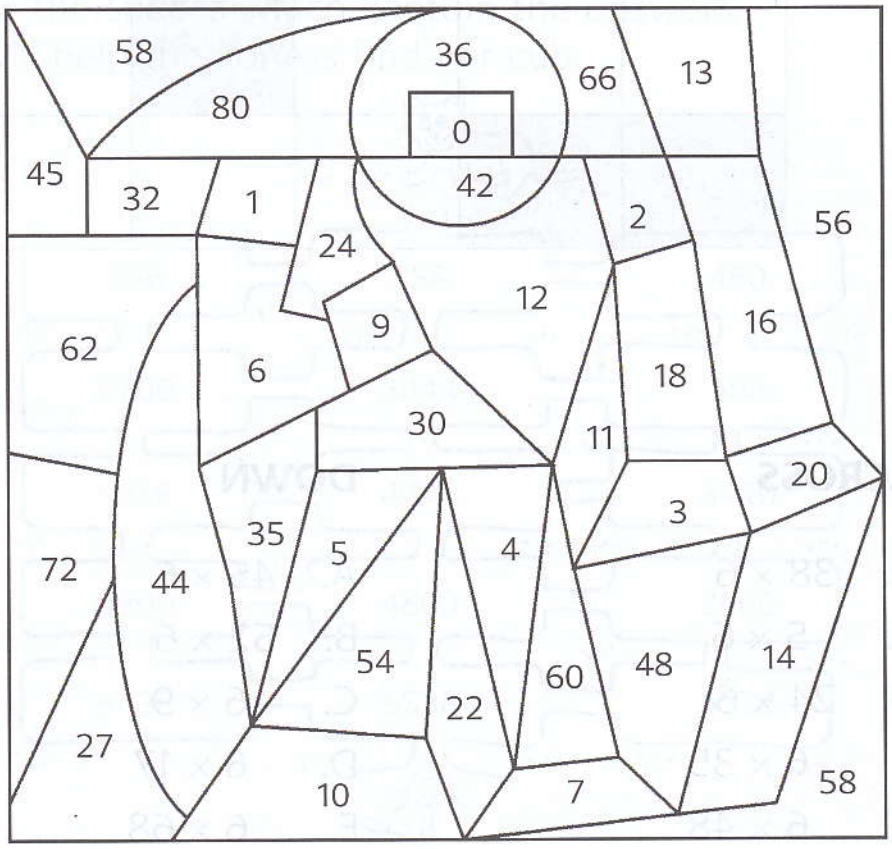
Write the letters in order from questions 1 to 7 to find out.

(1)	(2)	(3)	(4)	(5)	(6)	(7)
R						

2. Multiply or divide.

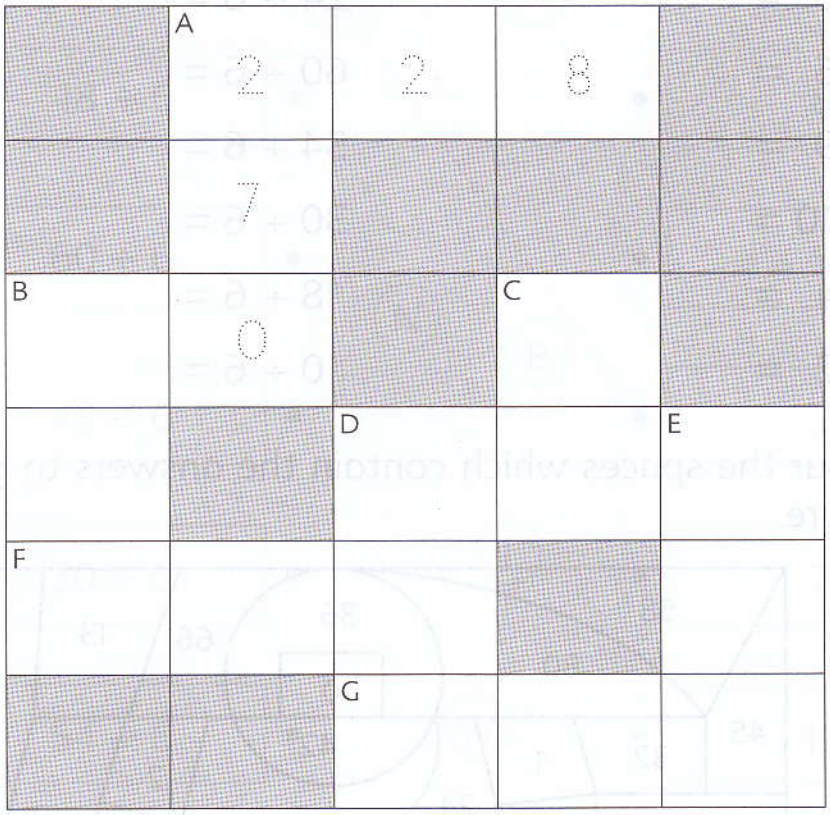
$1 \times 6 =$	$12 \div 6 =$
$5 \times 6 =$	$42 \div 6 =$
$3 \times 6 =$	$6 \div 6 =$
$7 \times 6 =$	$24 \div 6 =$
$6 \times 6 =$	$60 \div 6 =$
$6 \times 9 =$	$54 \div 6 =$
$6 \times 10 =$	$30 \div 6 =$
$6 \times 4 =$	$18 \div 6 =$
$6 \times 2 =$	$0 \div 6 =$

Colour the spaces which contain the answers to get a picture.



EXERCISE 31

1. Complete the cross-number puzzle.



ACROSS

A. 38×6
B. 5×6
D. 24×6
F. 6×35
G. 6×48

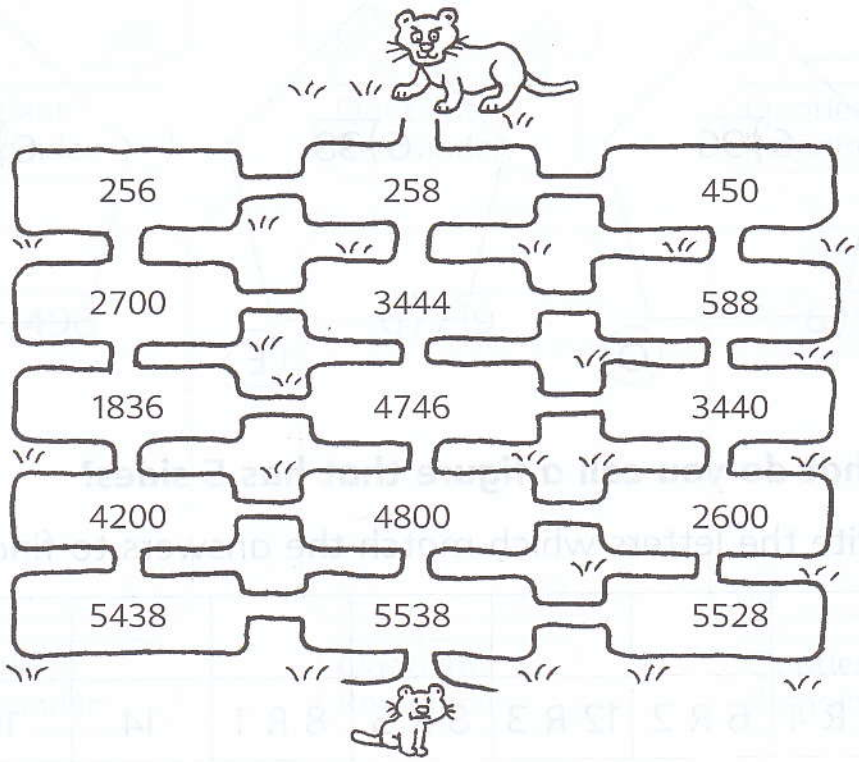
DOWN

A. 45×6
B. 52×6
C. 6×9
D. 6×17
E. 6×68

2. Find the product for each of the following.

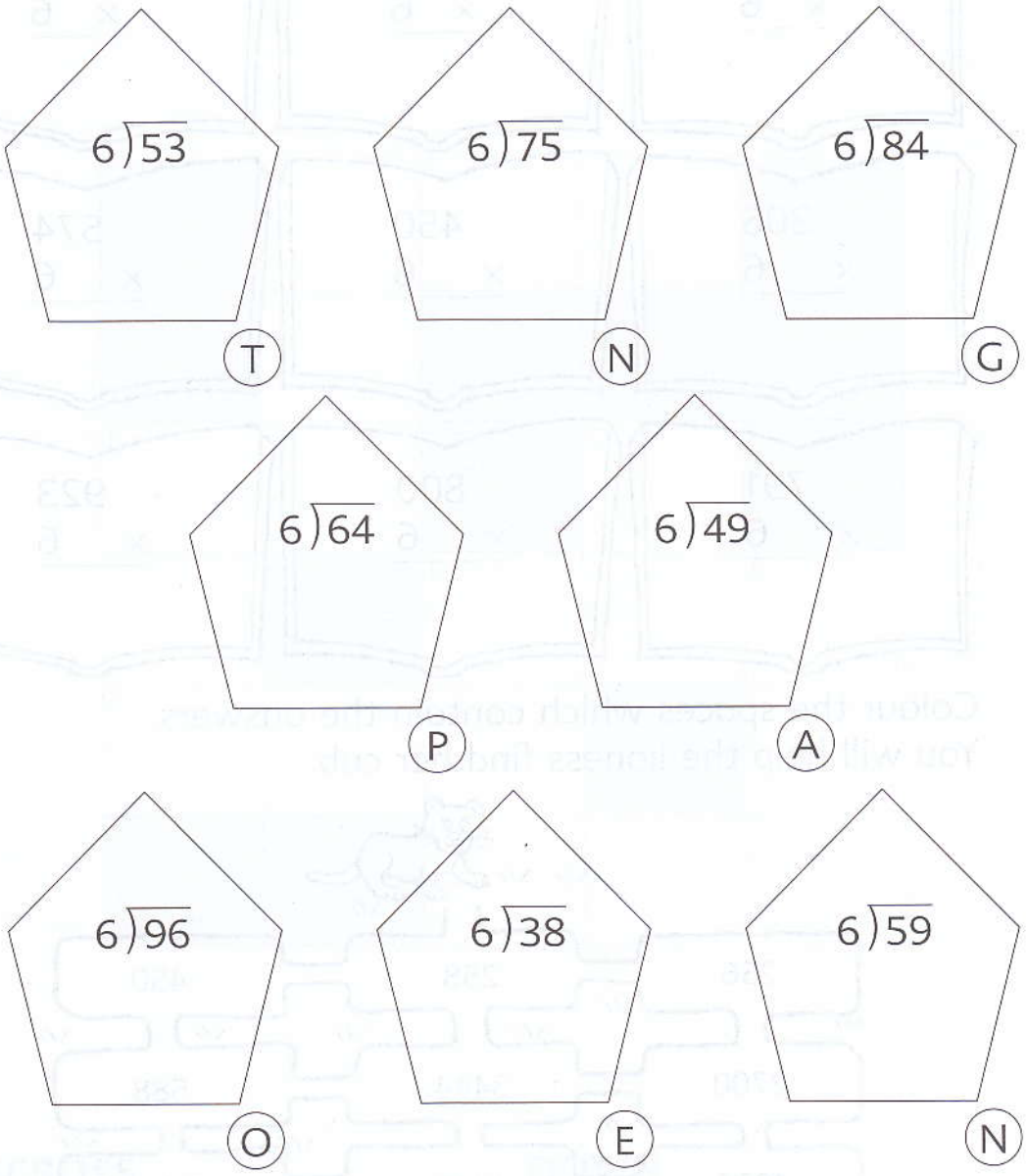
43 × 6	75 × 6	98 × 6
306 × 6	450 × 6	574 × 6
791 × 6	800 × 6	923 × 6

Colour the spaces which contain the answers.
You will help the lioness find her cub.



EXERCISE 32

1. Divide.

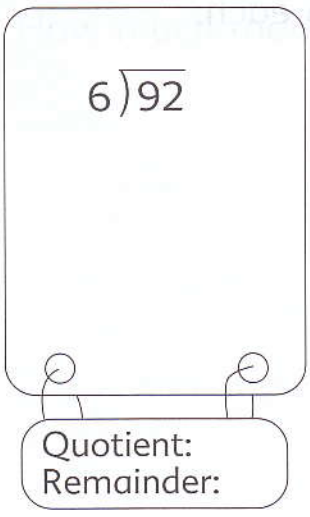


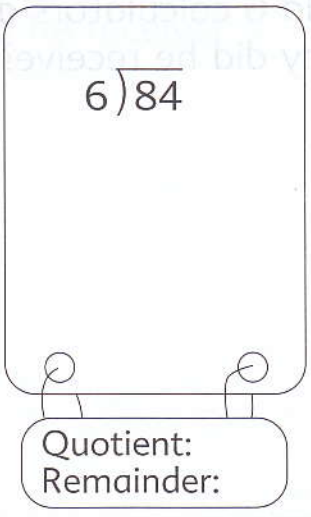
What do you call a figure that has 5 sides?

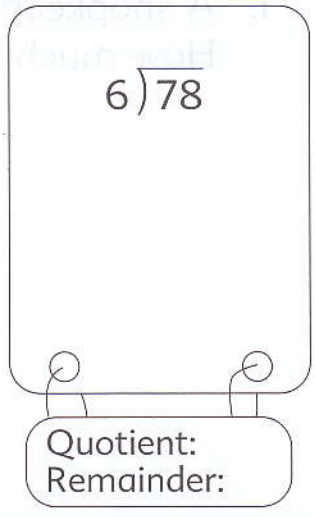
Write the letters which match the answers to find out.

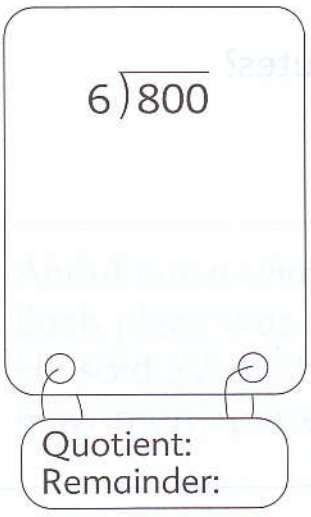
10 R 4	6 R 2	12 R 3	8 R 5	8 R 1	14	16	9 R 5

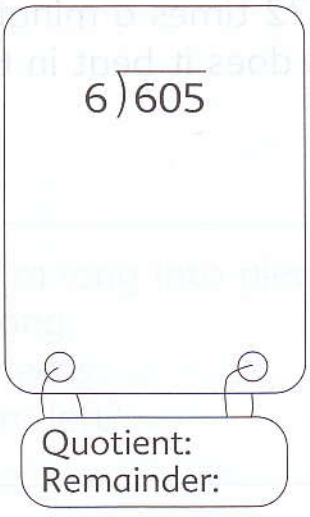
2. Find the quotient and remainder for each of the following.

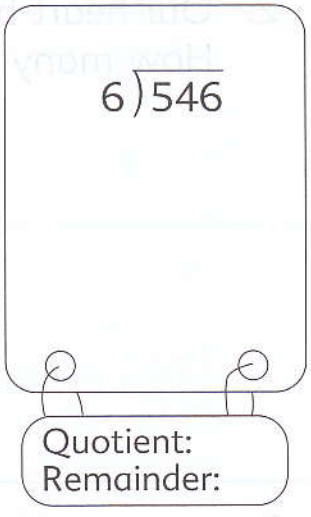


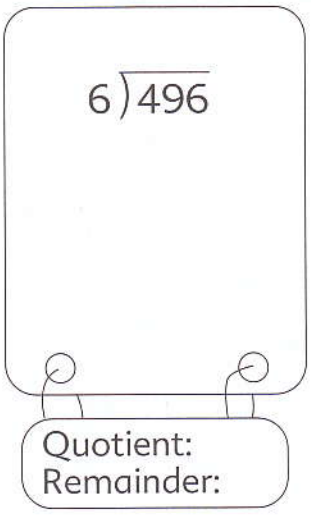


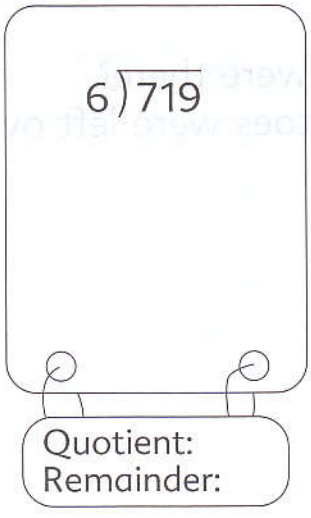


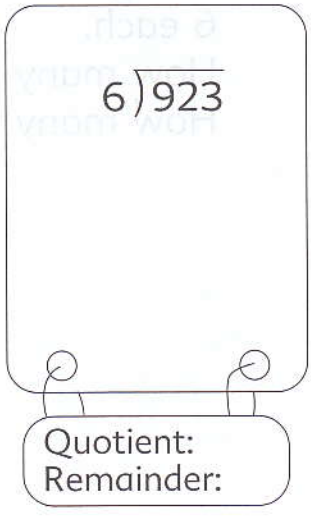












EXERCISE 33

1. A shopkeeper sold 6 calculators at $45 each.
   How much money did he receive?

2. Our heart beats 72 times a minute.
   How many times does it beat in 6 minutes?

3. A vegetable seller packed 153 tomatoes into bags of 6 each.
   How many bags were there?
   How many tomatoes were left over?

4. Mr Lin sold 462 flowers in bunches of 6 each.
Each bunch of flowers was sold for $5.
How much money did he receive?

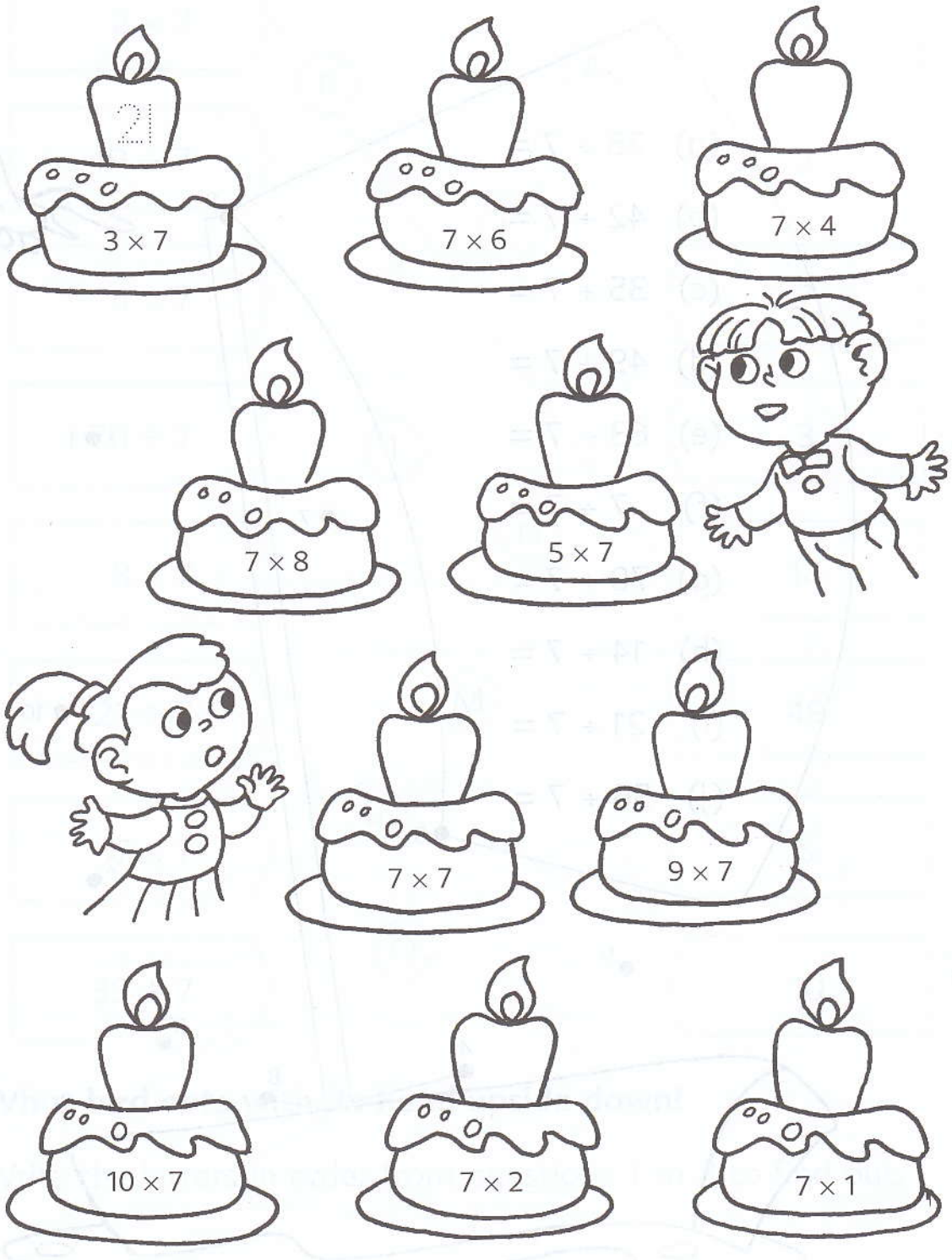
5. Abdul cut a wire 408 m long into pieces.
Each piece was 6 m long.
He sold 32 of these pieces.
How many pieces were left?

6. Mrs Raja used 6 boxes of coffee bags in 4 weeks.
There were 20 coffee bags in each box.
How many coffee bags did she use in 1 week?

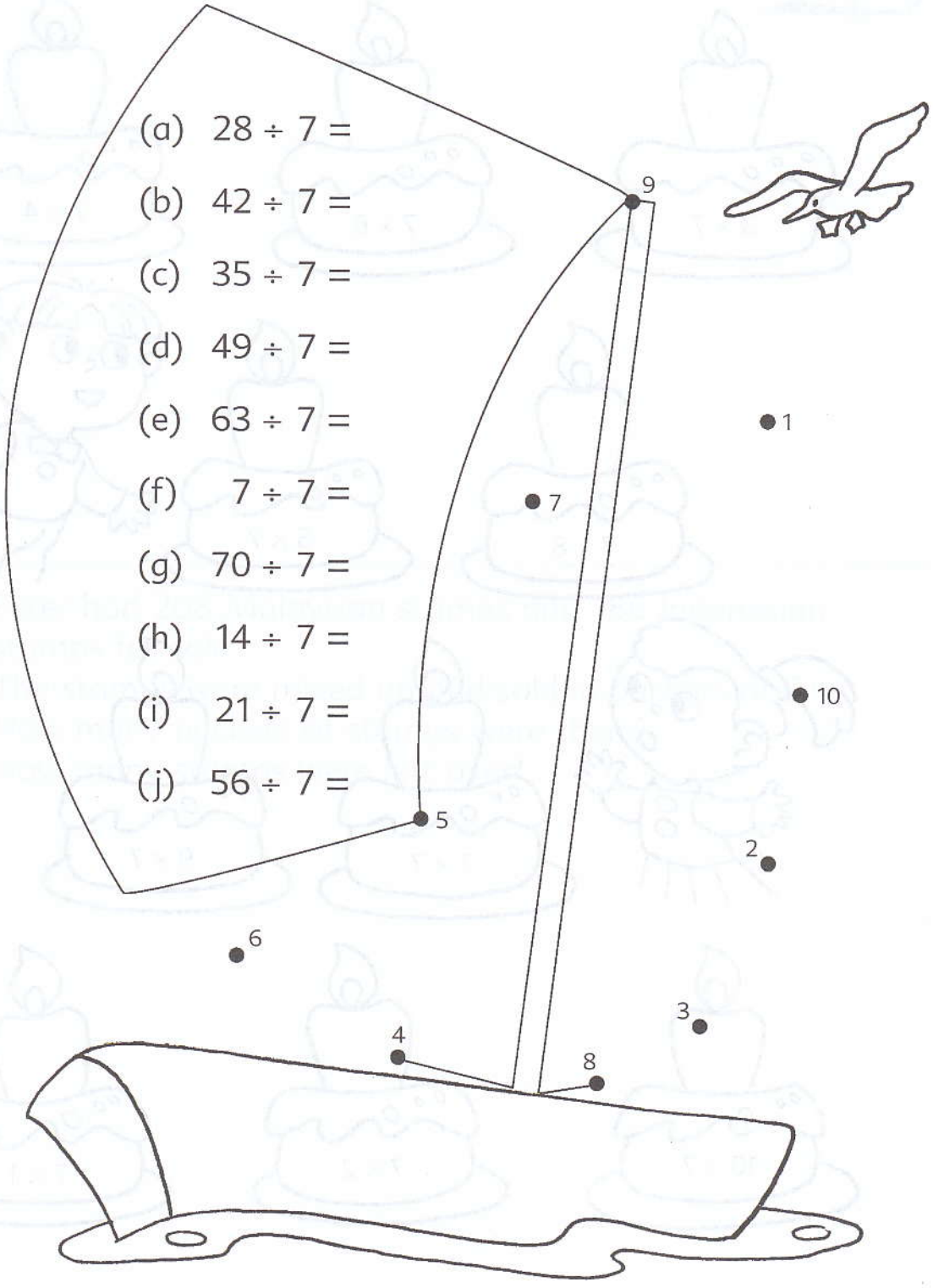
7. Peter had 208 Malaysian stamps and 186 Indonesian stamps for sale.
The stamps were mixed up and sold in packets of 6.
How many packets of stamps were there?
How many stamps were left over?

EXERCISE 34

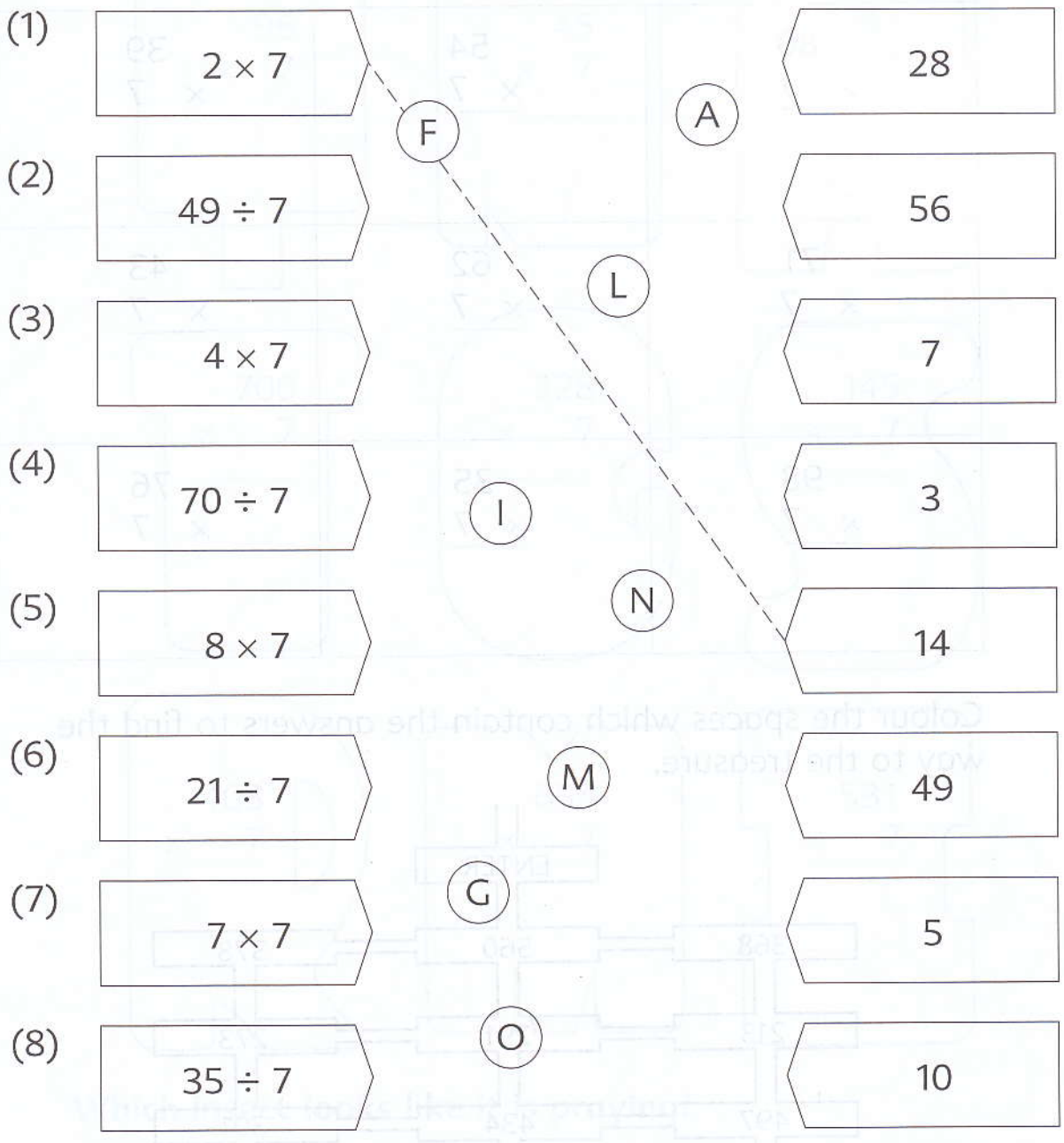
1. Multiply.



2. Divide.
Then join the dots by following the order of the answers.
You will complete the picture of a sail boat.



3. Join each pair of matching cards with a straight line.
The line will pass through a letter.



What bird eats with its head upside down?

Write the letters in order from questions 1 to 8 to find out.

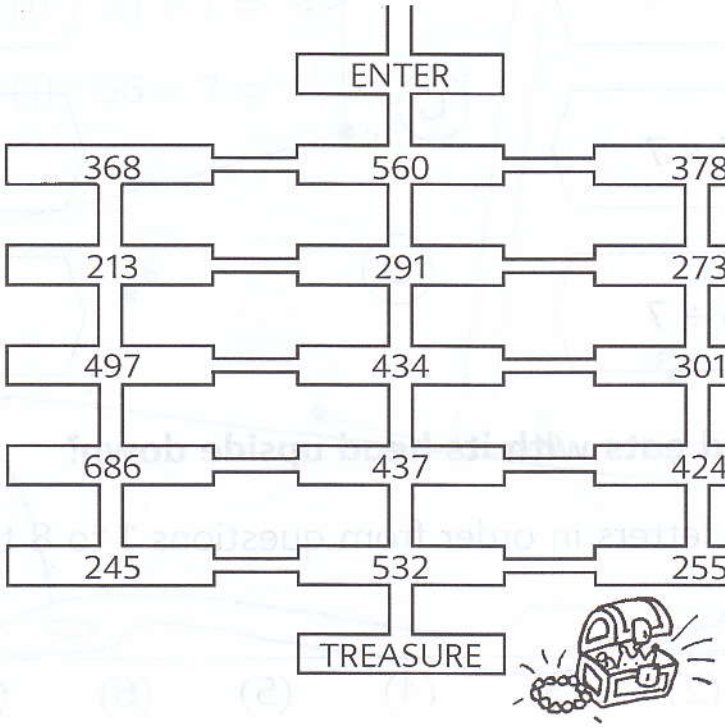
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
F							

EXERCISE 35

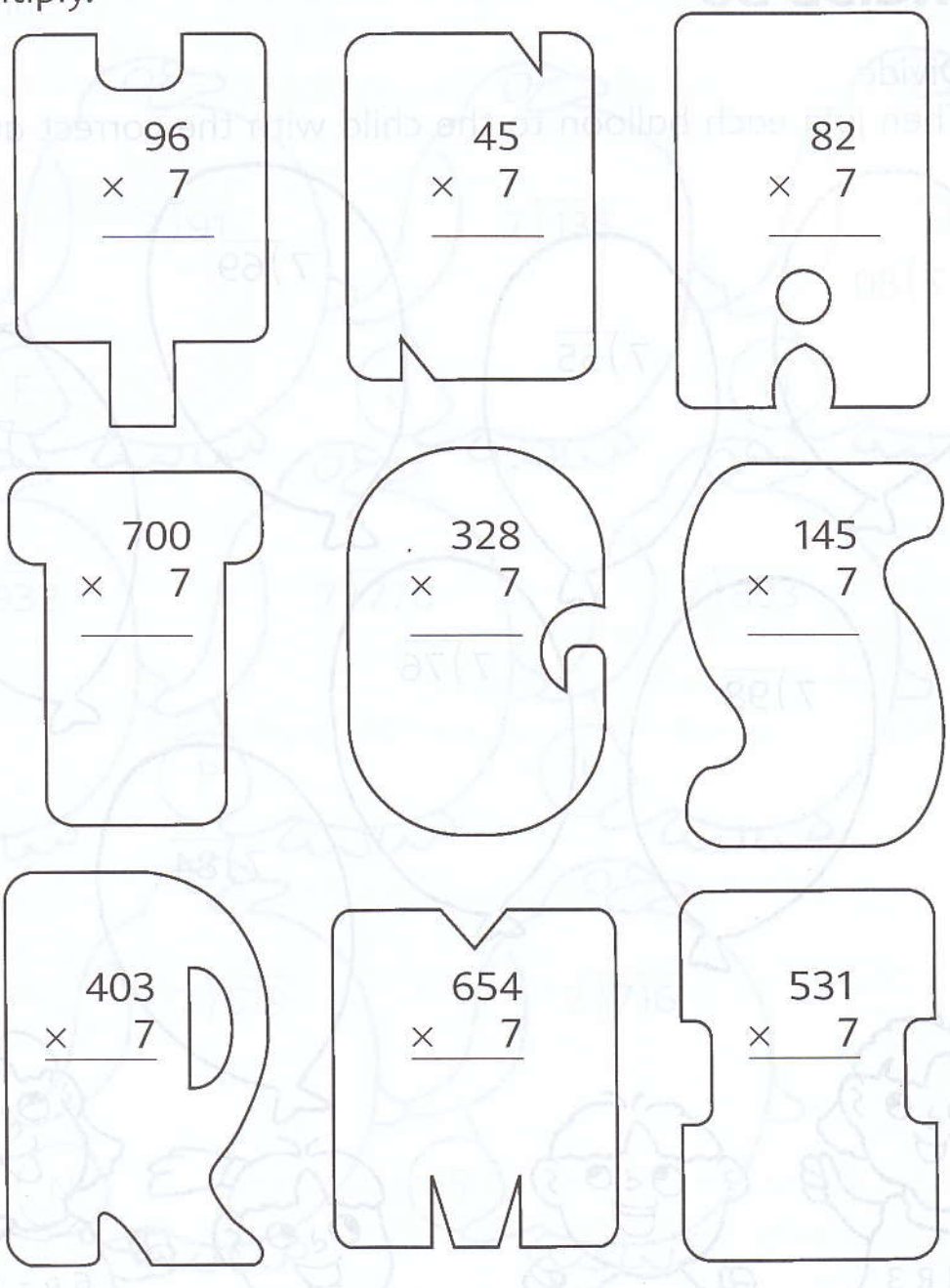
1. Multiply.

80 × 7	54 × 7	39 × 7
71 × 7	62 × 7	43 × 7
98 × 7	35 × 7	76 × 7

Colour the spaces which contain the answers to find the way to the treasure.



2. Multiply.



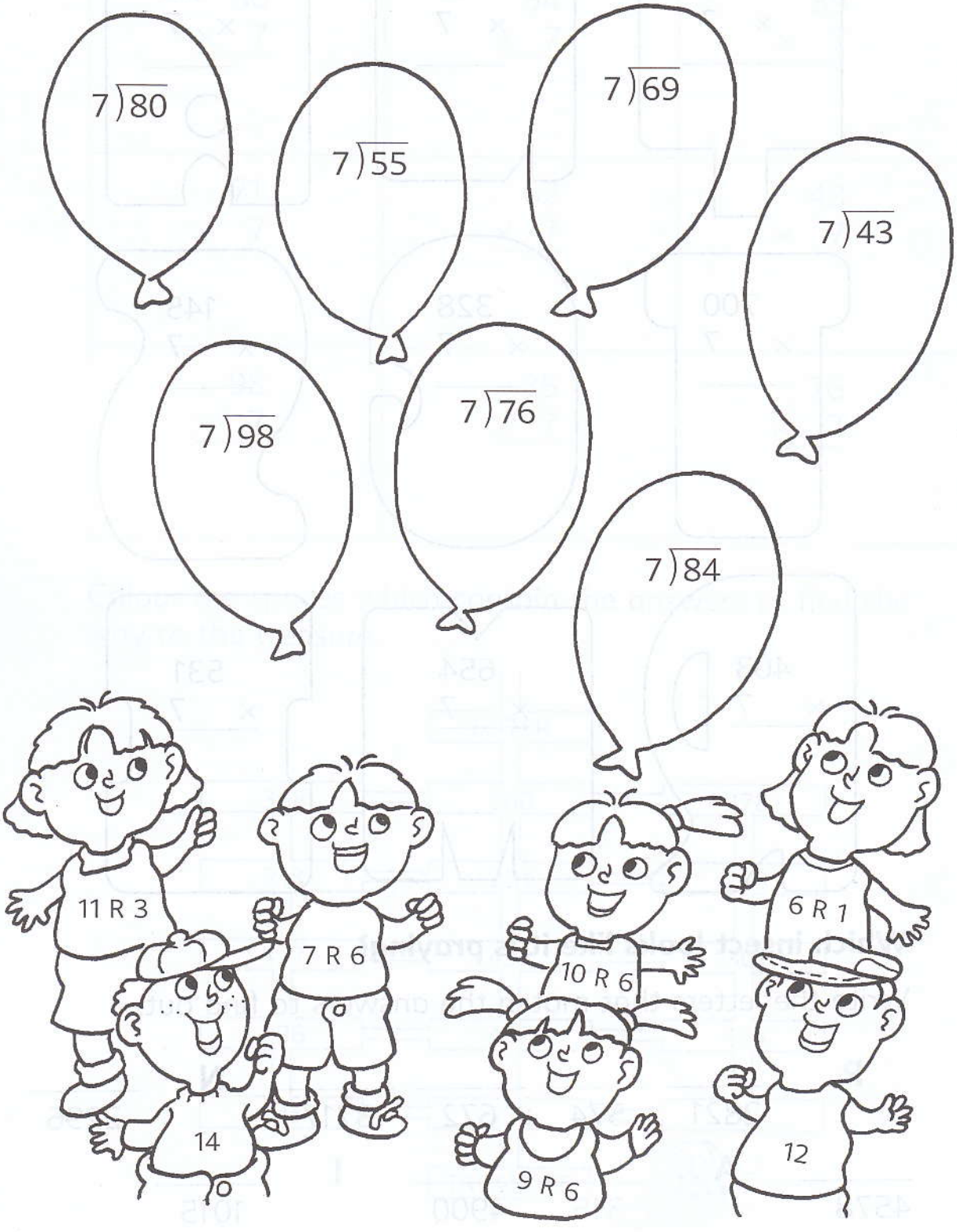
Which insect looks like it is praying?

Write the letters that match the answers to find out.

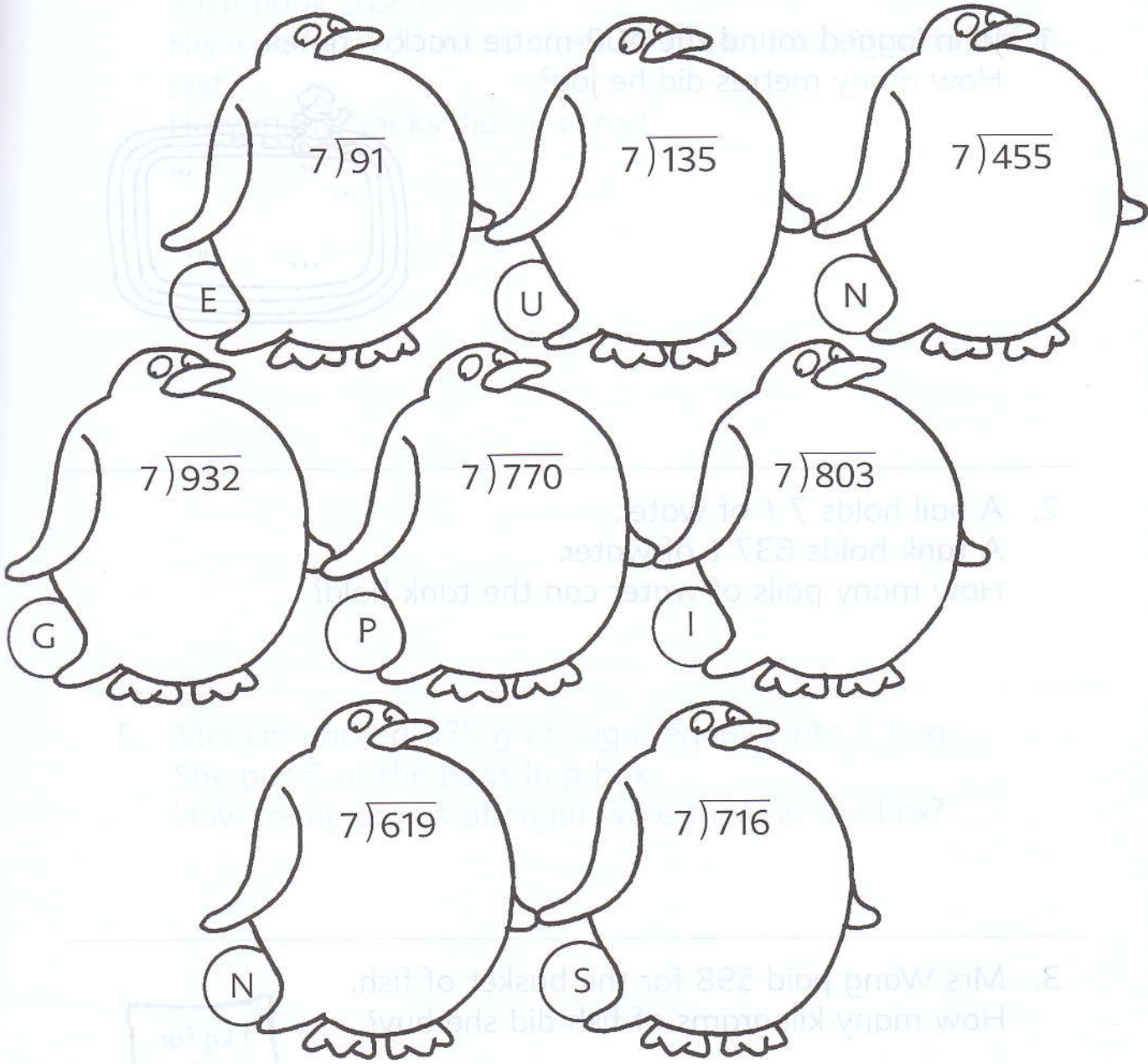
P					**N**		
	2821	574	672	3717		2296	
	A			**I**			
4578		315	4900		1015		

EXERCISE 36

1. Divide.
   Then join each balloon to the child with the correct answer.



2. Divide.



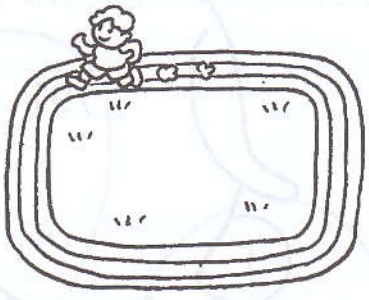
What birds have wings for swimming?

Write the letters which match the quotients to find out.

	E						
110	13	65	133	19	114	88	102

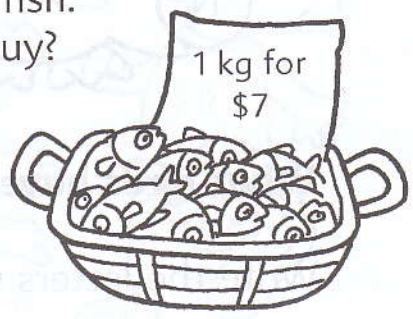
EXERCISE 37

1. John jogged round the 400-metre track 7 times.
   How many metres did he jog?



2. A pail holds 7 ℓ of water.
   A tank holds 637 ℓ of water.
   How many pails of water can the tank hold?

3. Mrs Wang paid $98 for the basket of fish.
   How many kilograms of fish did she buy?



4. Mr Gopal bought some books for $301.
Each book cost $7.
His wife helped him to carry 18 books and he carried the rest.
How many books did he carry?

5. Mrs Lin packed 875 g of sugar equally into 7 bags.
She put 5 of the bags in a box.
How many grams of sugar were there in the box?

6. Samad bought 7 planks, each 3 m long.
He bought another plank 2 m long.
Find the total length of the 8 planks.

7. 84 children arranged themselves into 7 equal groups.
There were 5 boys in each group.
How many girls were there altogether?

REVISION 4

1. Write the numbers.

   (a) Five thousand, three hundred and six _____

   (b) Eight thousand and five _____

   (c) Ten thousand _____

2. Write the missing numbers in the following number patterns.

   (a) 4120, 4220, _____, 4420

   (b) 5320, 6320, 7320, _____

   (c) 2635, 2640, _____, 2650

3. Fill in each blank with the word **greater** or **smaller**.

   (a) 3459 is _____ than 3495

   (b) 4056 is _____ than 4506

   (c) 8197 is _____ than 8201

4. Find the missing numbers.

   (a) 3000 + _____ = 3800

   (b) 4000 + _____ + 1 = 4081

   (c) 5000 + _____ = 5008

5. Do these.

(a) $2000 - 850 =$

(b) $950 + 50 =$

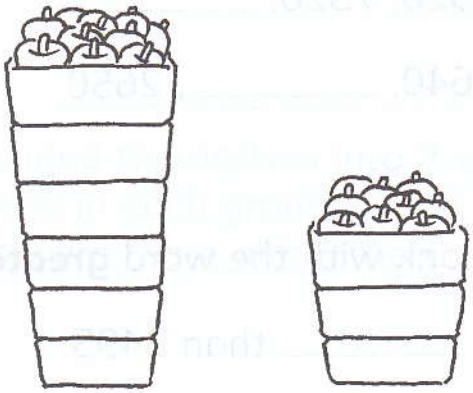
(c) $523 \times 7 =$

(d) $720 \div 7 =$

(e) $400 \div 2 =$

(f) $700 \times 2 =$

6. Mingfa bought 420 red apples and 180 green apples.



420
red apples

180
green apples

He sold 300 red apples and 100 green apples.

Fill in the blanks.

(a) Mingfa bought _____ apples altogether.

(b) He sold _____ apples altogether.

(c) There were _____ apples left.

7. 125 pupils in a school took swimming lessons.
11 more pupils joined in.
How many pupils took swimming lessons altogether?

8. Mrs Chen spent $35 on meat and $12 on vegetables.
How much less money did she spend on vegetables than on meat?

9. Peter has 15 angelfish.
He has 3 times as many guppies as angelfish.
How many guppies does he have?

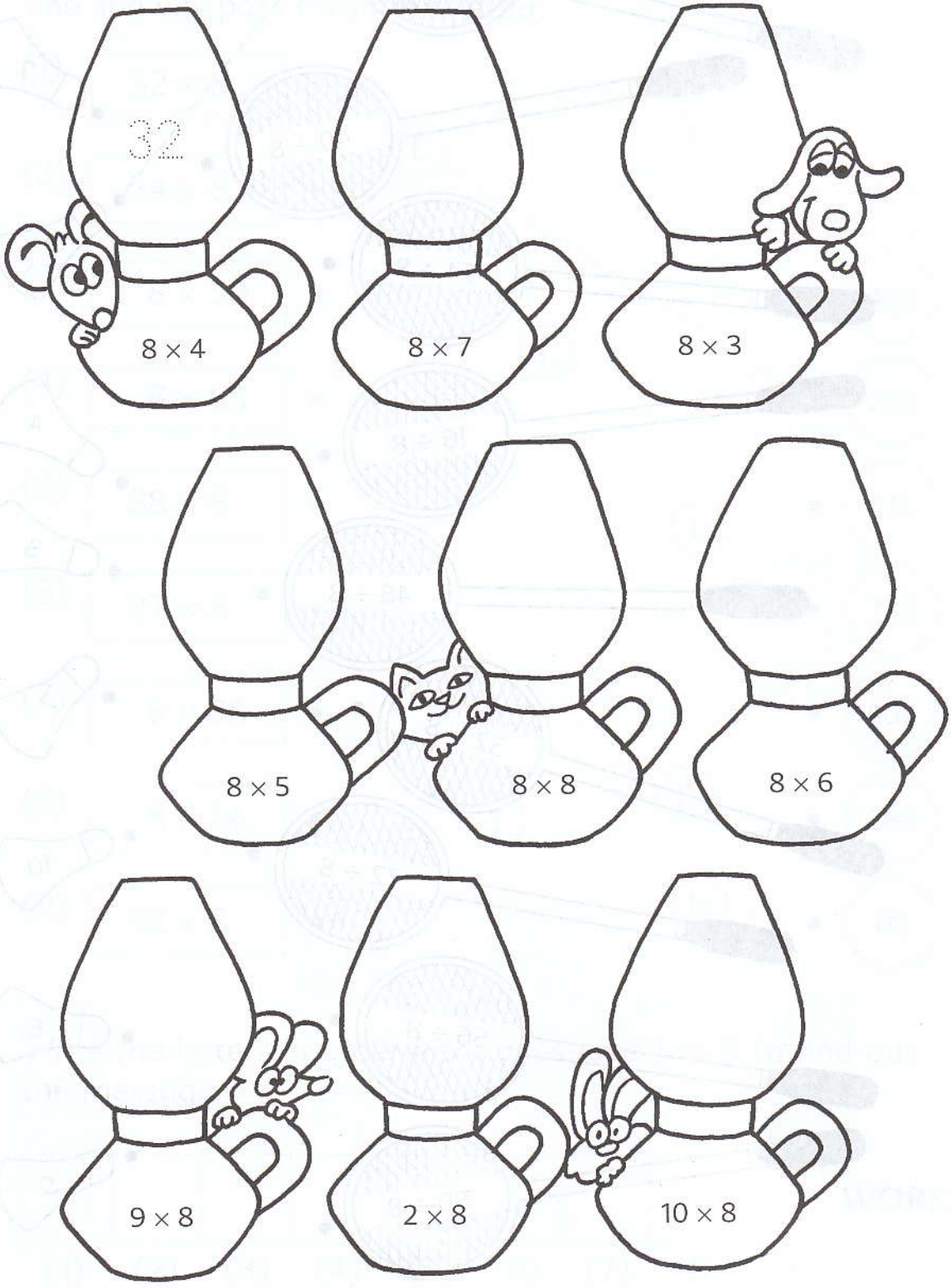
10. Mr Li earns $3000 a month.
He spends $2200 a month and saves the rest.
How much money can he save in 6 months?

---

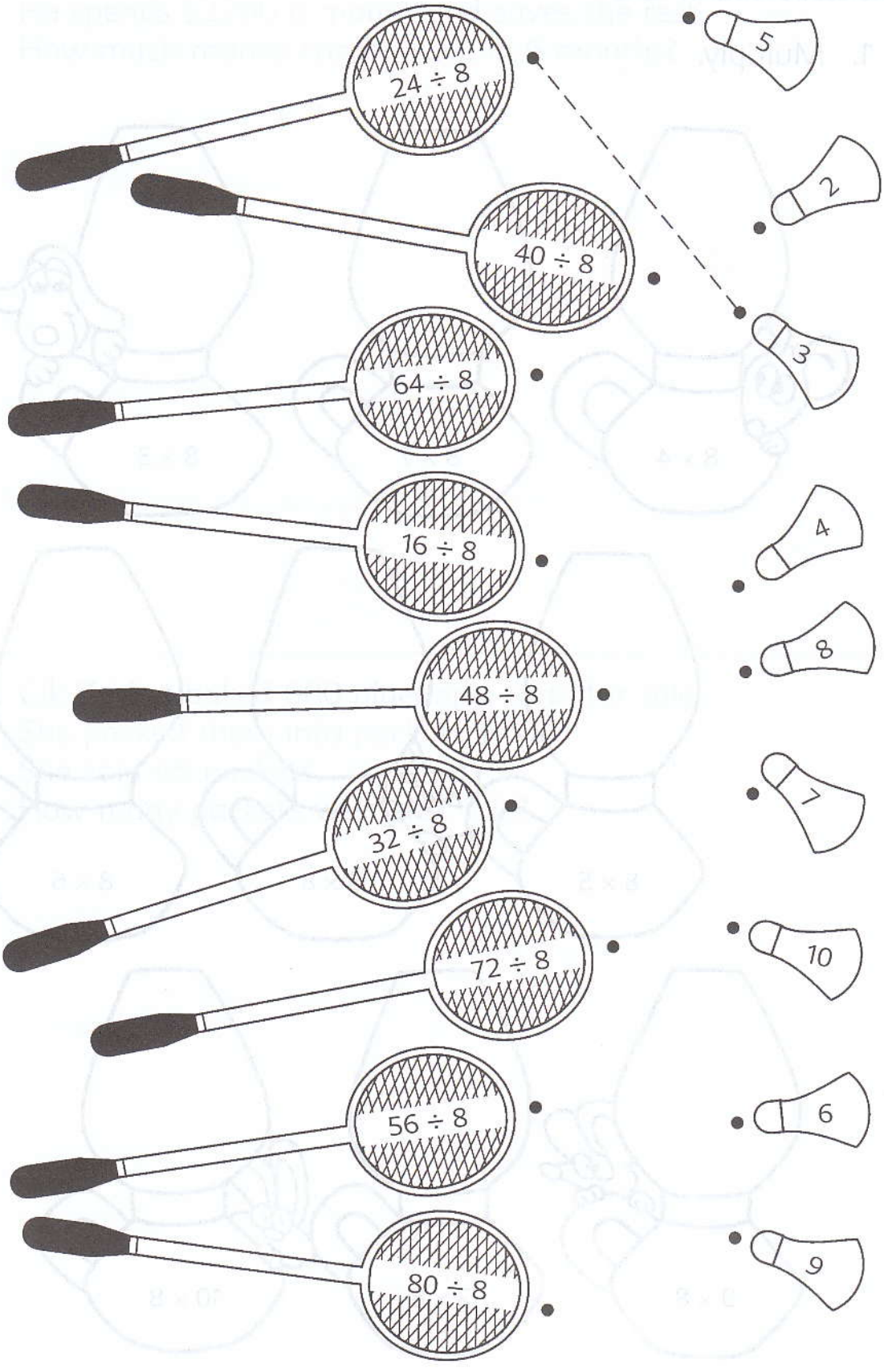
11. Cik Zarina baked 600 pineapple tarts for sale.
She packed them into packets of 6.
She sold 45 packets.
How many packets were **not** sold?

EXERCISE 38

1. Multiply.

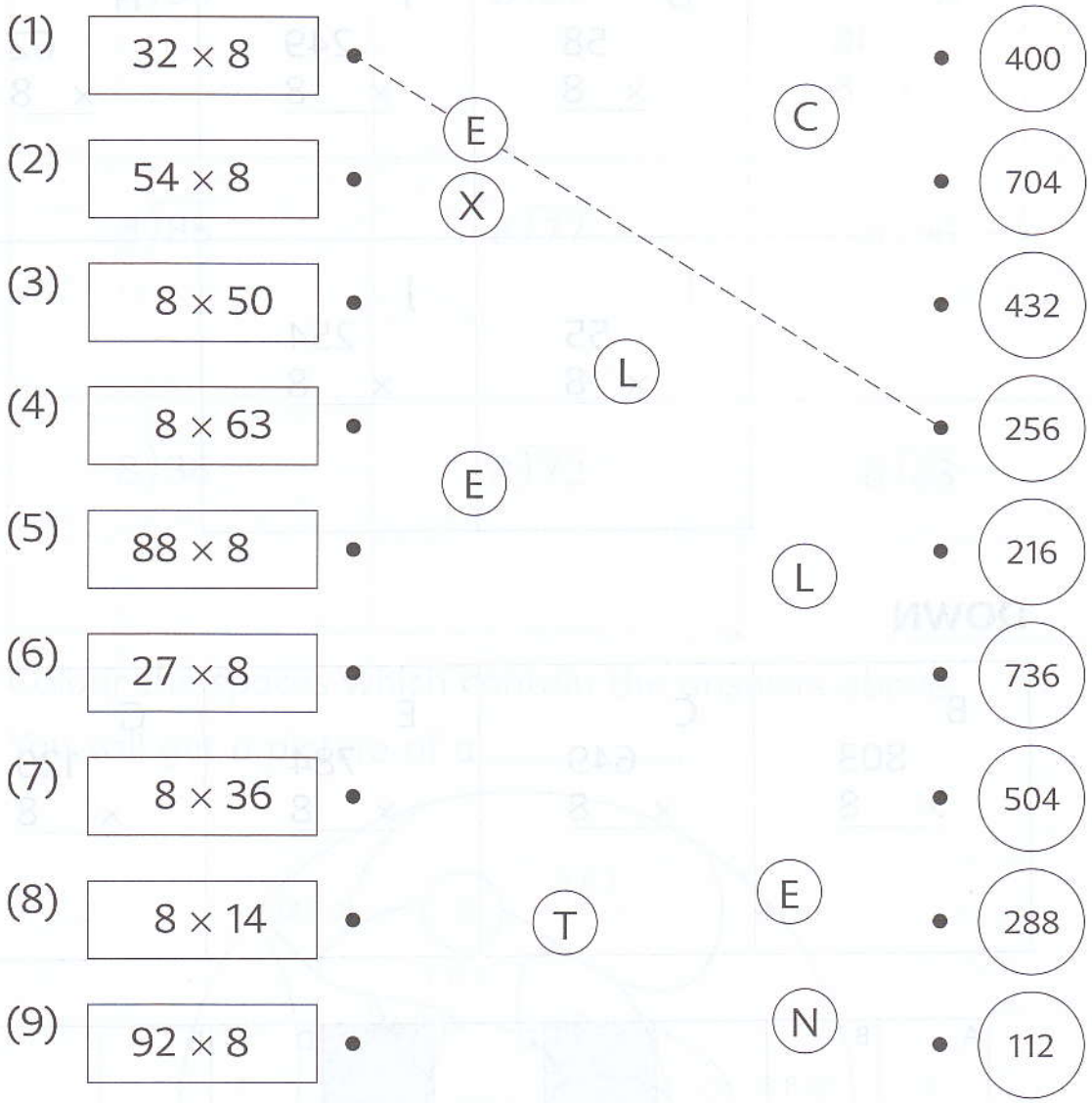


2. Match.



EXERCISE 39

1. Draw a straight line to match each question with its correct answer.
   The line will pass through a letter.



Write the letters in order from questions 1 to 9 to find out the message.

E									WORK
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	

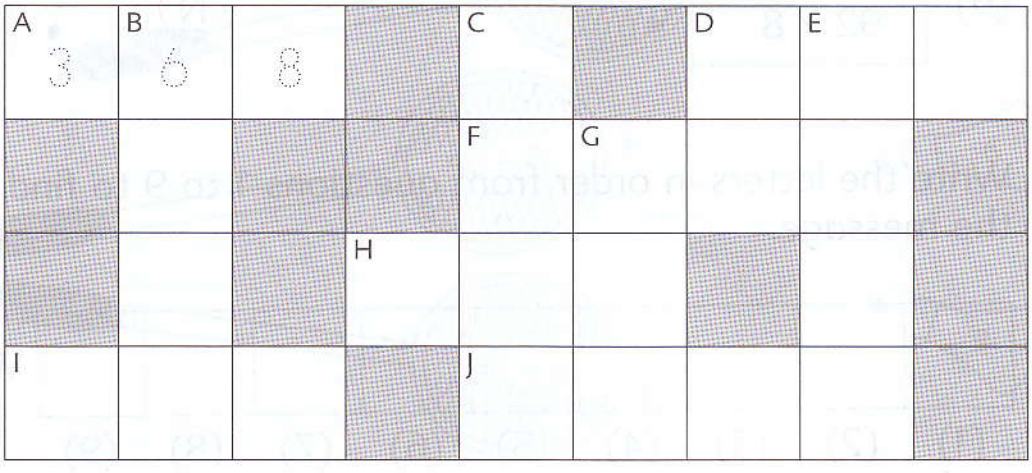
2. Multiply and use the answers to complete the cross-number puzzle below.

ACROSS

A 46 × 8	D 58 × 8	F 249 × 8	H 62 × 8
	I 55 × 8	J 254 × 8	

DOWN

B 803 × 8	C 649 × 8	E 784 × 8	G 120 × 8



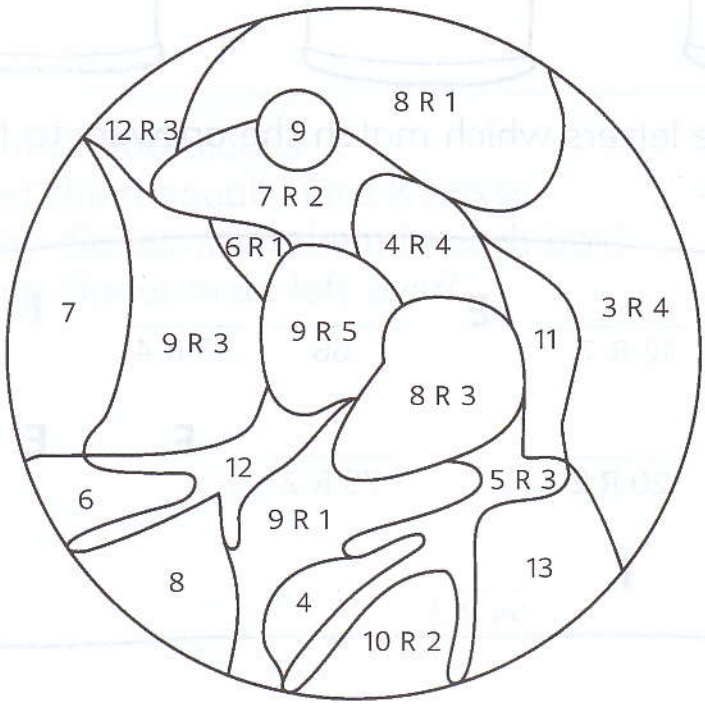
EXERCISE 40

1. Divide.

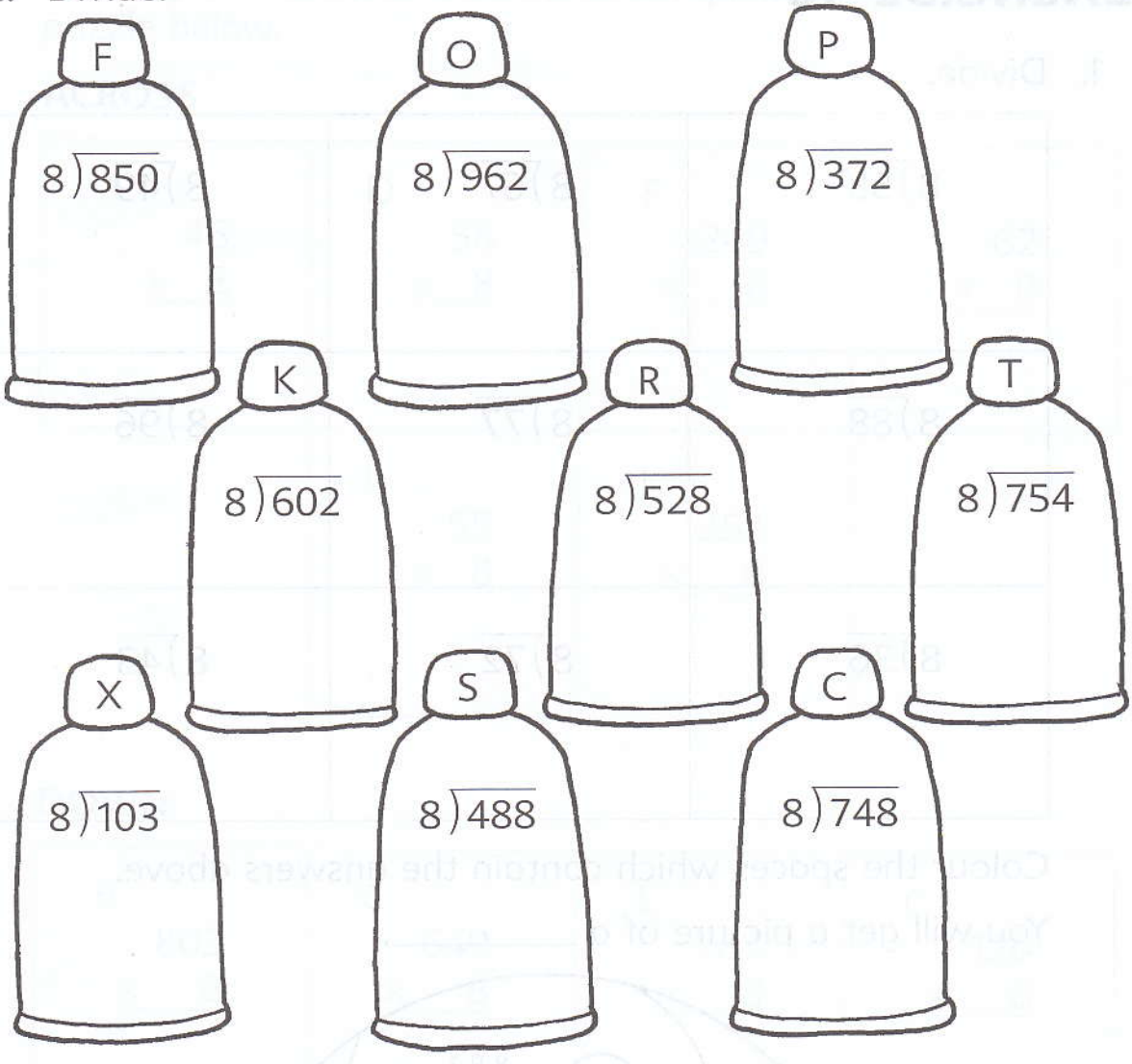
$8\overline{)58}$	$8\overline{)67}$	$8\overline{)49}$
$8\overline{)88}$	$8\overline{)77}$	$8\overline{)96}$
$8\overline{)36}$	$8\overline{)72}$	$8\overline{)43}$

Colour the spaces which contain the answers above.

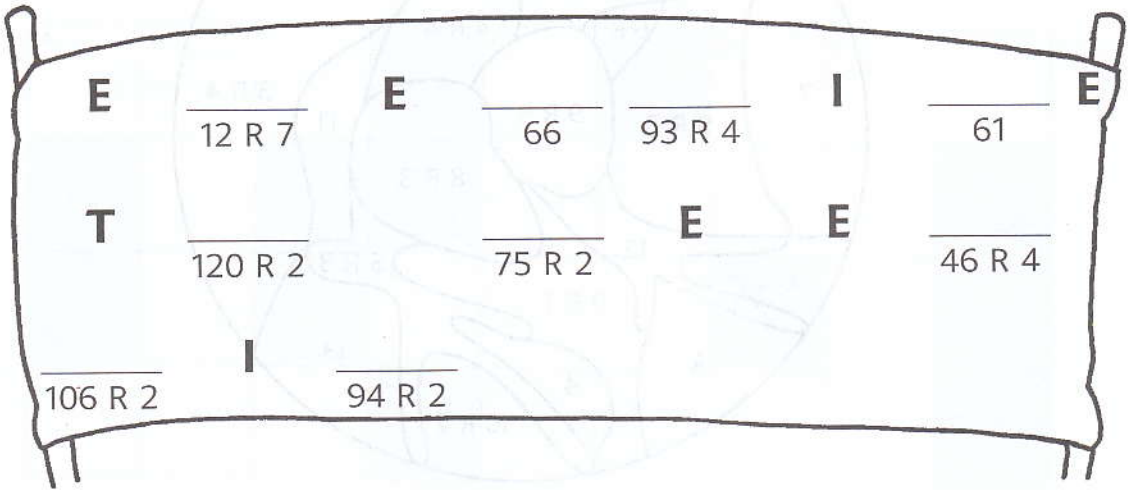
You will get a picture of a _____.



2. Divide.



Write the letters which match the answers to find out the message.



EXERCISE 41

1. Mr Yang uses 185 litres of petrol in one month.
   How much petrol will he use in 8 months?

---

2. A fruit seller sold 1 kg of grapes for $8.
   He collected $96 altogether.
   How many kilograms of grapes did he sell?

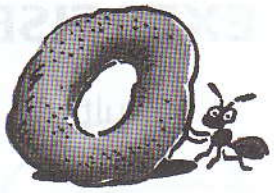
---

3. Mr Li printed 900 diaries.
   He packed them equally into 8 boxes.
   How many diaries were there in each box?
   How many diaries were left over?

4. A florist has 145 yellow roses.
She has 8 times as many red roses as yellow roses.
How many more red roses than yellow roses does she have?

5. 8 pupils sold 272 concert tickets at $3 each.
Each pupil sold the same number of tickets.
How much money did each pupil collect?

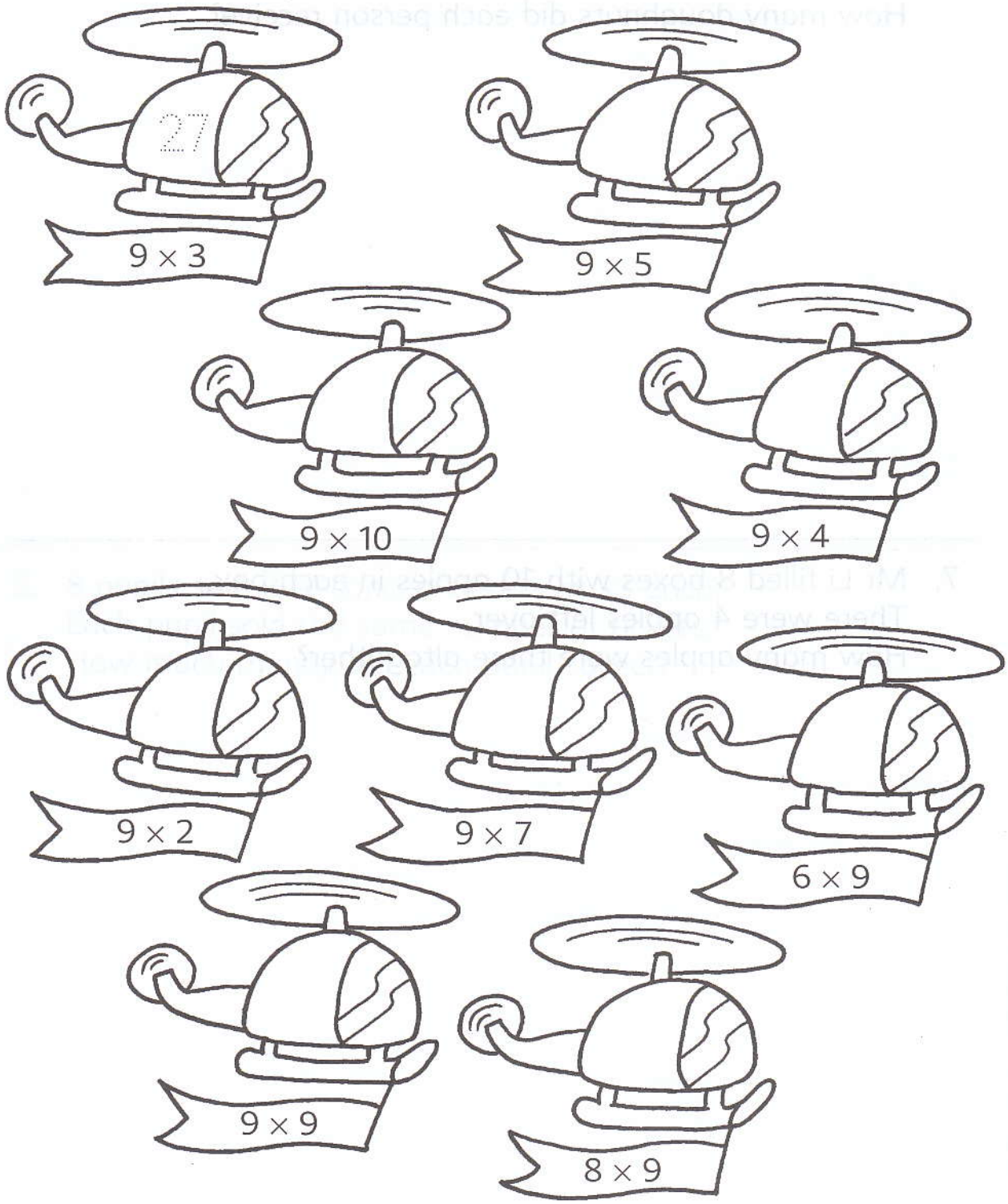
6. Mrs Raja bought 4 boxes of doughnuts.
There were 6 doughnuts in each box.
She divided the doughnuts equally among 8 people.
How many doughnuts did each person receive?



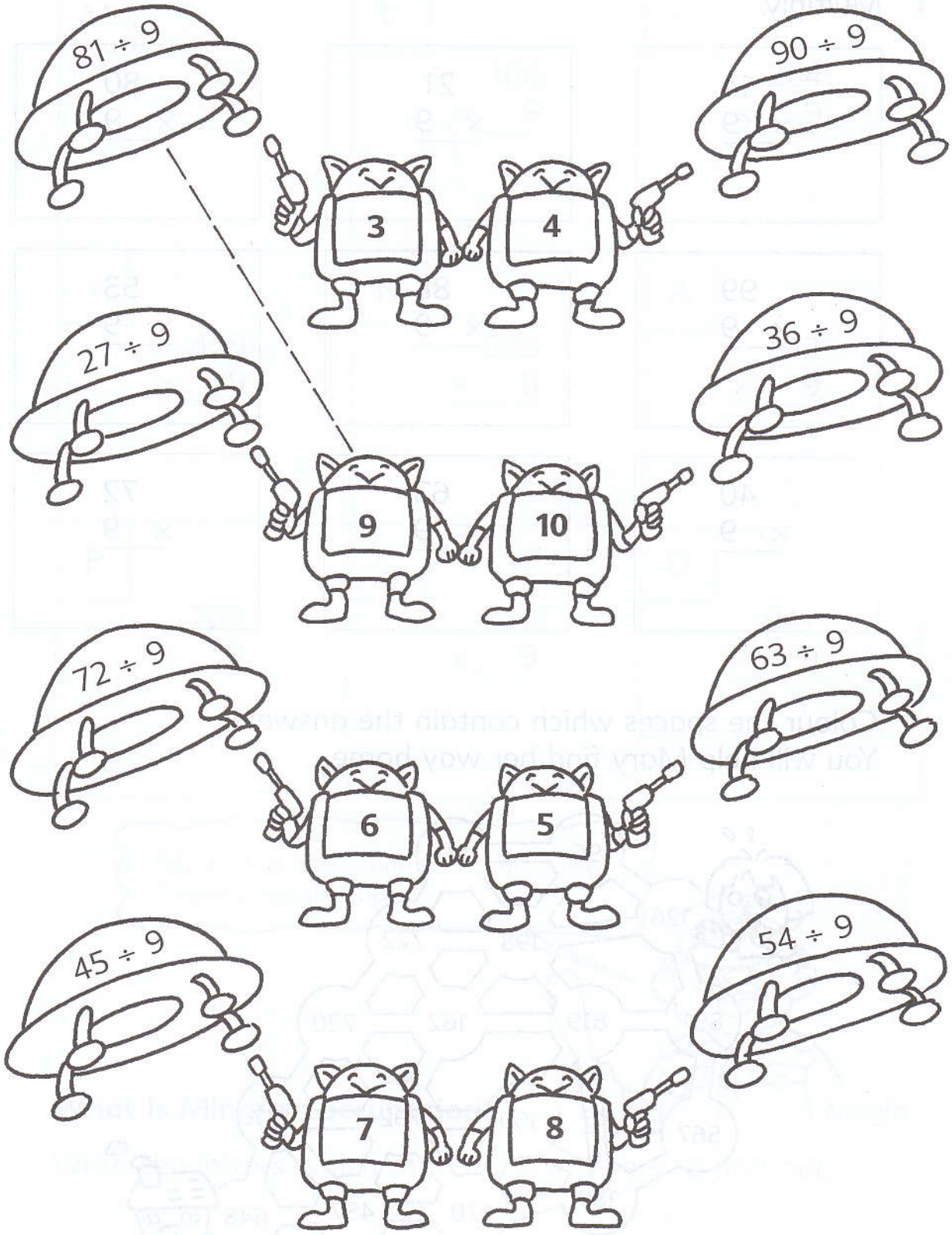
7. Mr Li filled 8 boxes with 10 apples in each box.
There were 4 apples left over.
How many apples were there altogether?

EXERCISE 42

1. Multiply.



2. Match.

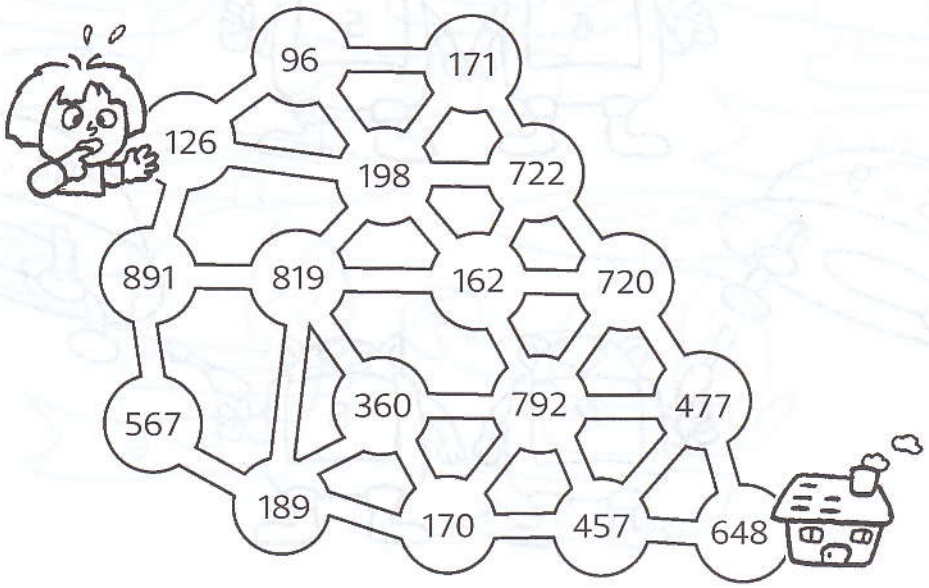


EXERCISE 43

1. Multiply.

14×9	21×9	80×9
99×9	88×9	53×9
40×9	63×9	72×9

Colour the spaces which contain the answers.
You will help Mary find her way home.



2. Multiply.

M 75 × 9	L 106 × 9	E 264 × 9
I 459 × 9	N 523 × 9	A 612 × 9
P 784 × 9	C 830 × 9	O 947 × 9

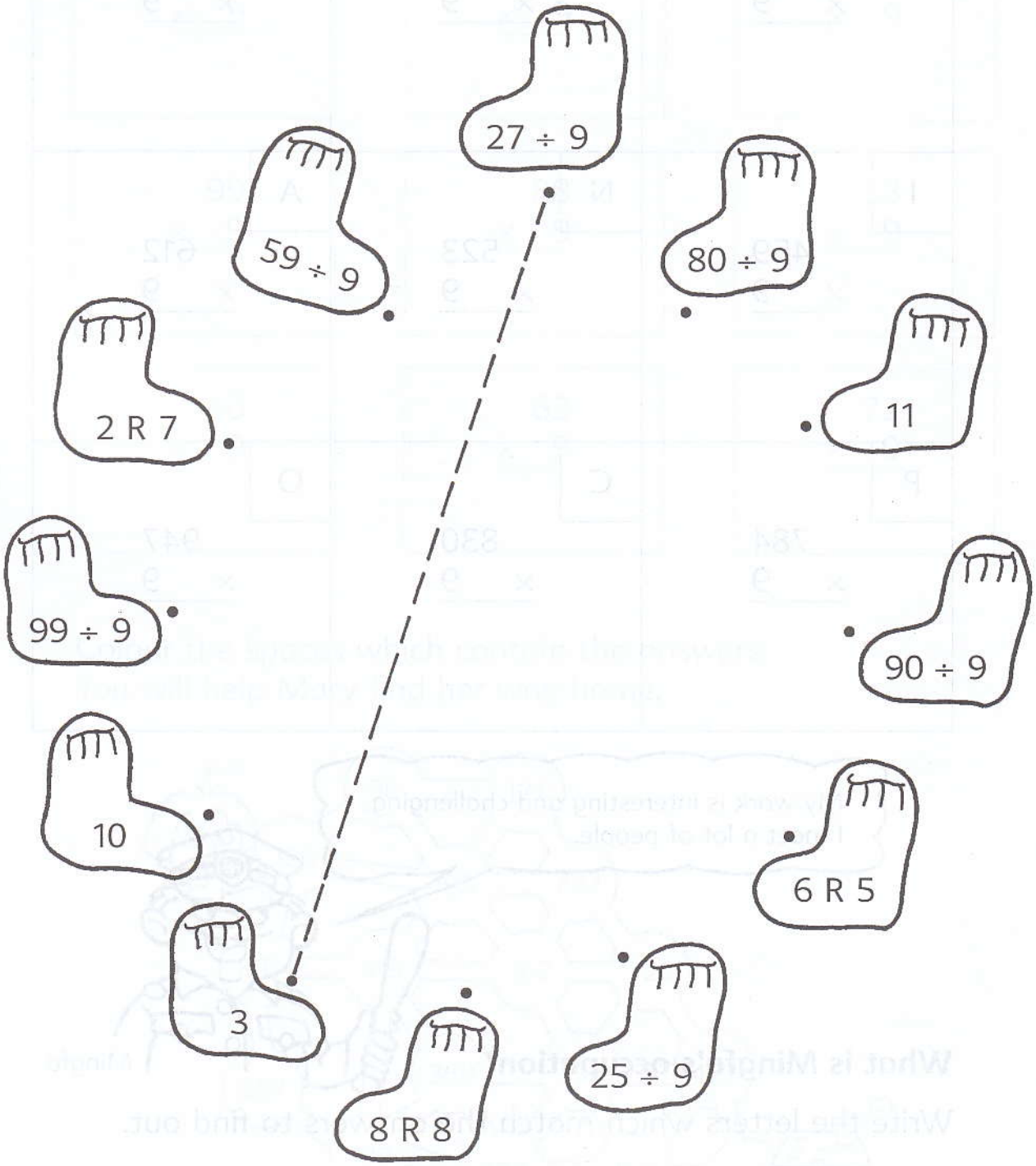
What is Mingfa's occupation? Mingfa

Write the letters which match the answers to find out.

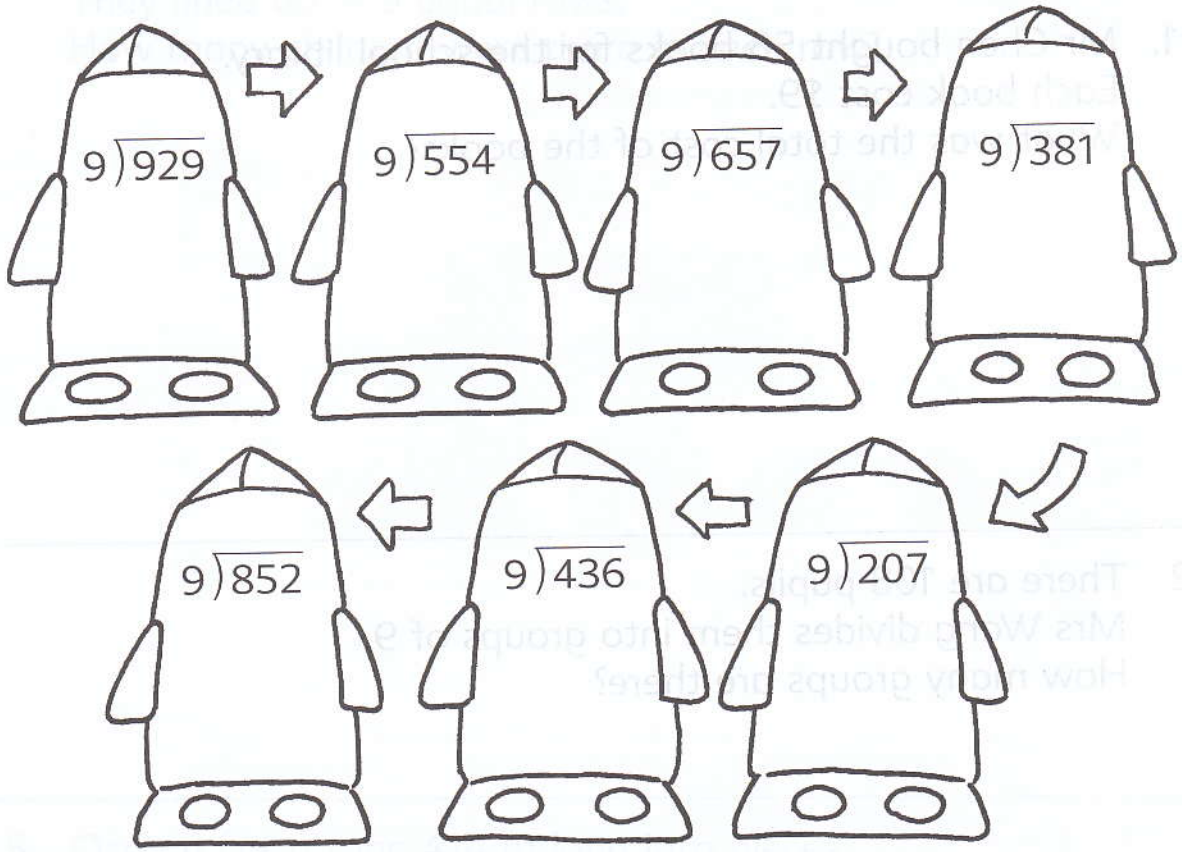
						M		
7056	8523	954	4131	7470	2376	675	5508	4707

EXERCISE 44

1. Match the socks and join them with a straight line.
   If you do it correctly, you will get 6 small triangles.

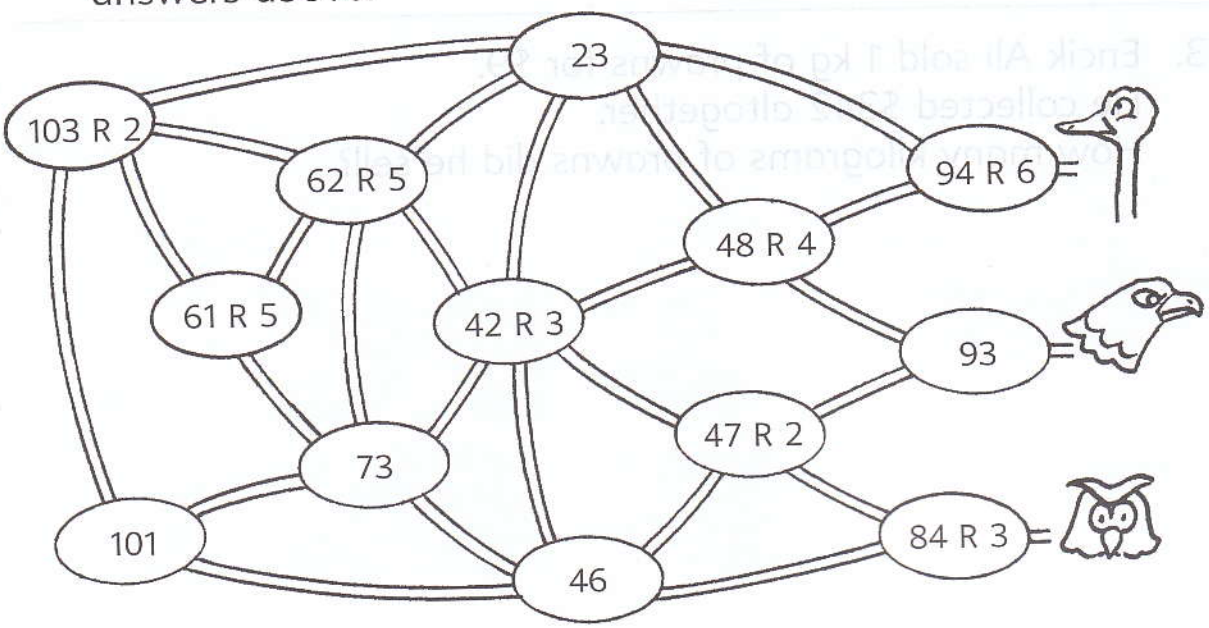


2. Divide.



Which bird has 2 toes on each foot?

To find out, trace the path by following the order of the answers above.



EXERCISE 45

1. Mr Chen bought 56 books for the school library.
   Each book cost $9.
   What was the total cost of the books?

2. There are 108 pupils.
   Mrs Wang divides them into groups of 9.
   How many groups are there?

3. Encik Ali sold 1 kg of prawns for $9.
   He collected $342 altogether.
   How many kilograms of prawns did he sell?

4. There were 249 boys and 255 girls in a field.
They lined up in 9 equal rows.
How many children were there in each row?

5. Osman cut a rope 414 m long into pieces.
Each piece was 9 m long.
He divided each piece into 4 equal parts.
How many parts were there?

6. Mr Chen had 9 packets of paper plates.
There were 10 plates in each packet.
25 plates were used for a party.
How many plates were left?

---

7. 4 men and 5 women shared the cost of a present equally.
The cost of the present was $117.
How much did each of them pay?

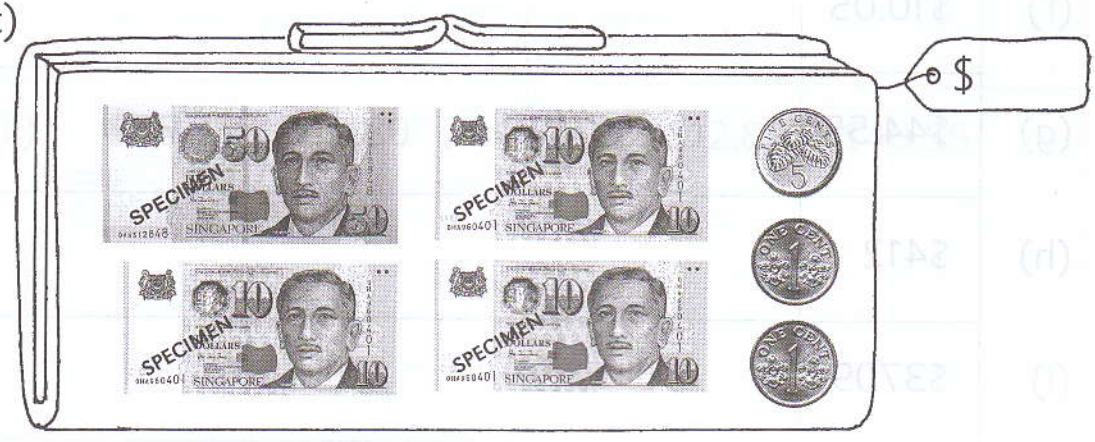
EXERCISE 46

1. How much money is there in each purse?

(a)

(b)

(c)



2. Write each amount of money in figures.

(a)	Five dollars and sixty-five cents	
(b)	Ten dollars and eight cents	
(c)	Seventeen dollars and seventy cents	
(d)	Ninety dollars and twelve cents	
(e)	Three hundred and twenty dollars and four cents	
(f)	One thousand and thirty dollars	

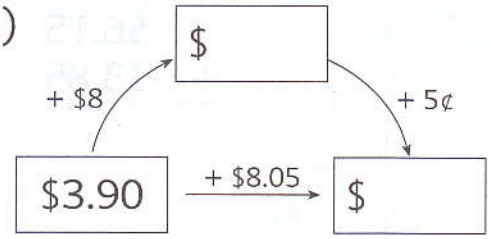
3. Write each amount of money in words.

(a)	$0.80	
(b)	$1.36	
(c)	$6.44	
(d)	$7.98	
(e)	$23.20	
(f)	$10.05	
(g)	$44.55	
(h)	$412	
(i)	$3709	

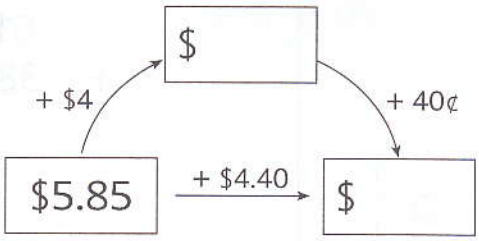
EXERCISE 47

1. Write the missing numbers.

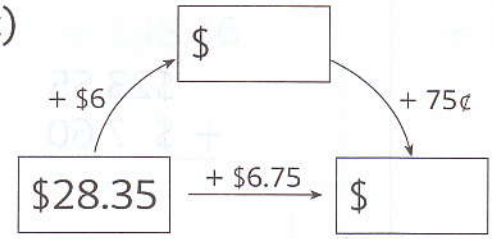
(a)



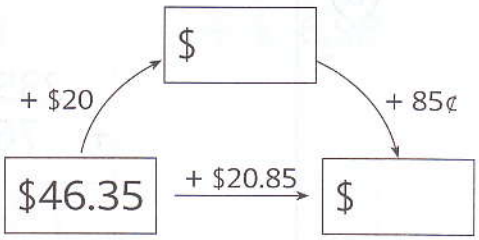
(b)



(c)



(d)



2. Add.

(a) $24.05 + $7.25 =	(b) $30.60 + $4.50 =
(c) $56.35 + $12.80 =	(d) $12.85 + $40.55 =

3. Add.

(a)	615 + 385	\$6.15 + \$3.85
(b)	2355 + 760	\$23.55 + \$ 7.60
(c)	3090 + 6395	\$30.90 + \$63.95
(d)	7315 + 2685	\$73.15 + \$26.85

4. Add.

\$3.80 + \$1.15 = A	\$7.40 + \$8.95 = E	\$11.55 + \$ 6.05 = G
\$31.53 + \$48.76 = I	\$56.39 + \$37.34 = L	\$78.22 + \$ 6.98 = N
\$ 9.85 + \$34.00 = R	\$10.05 + \$43.09 = S	\$49.55 + \$24.35 = T

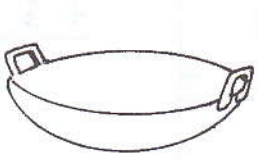
What can you get by dividing a square into halves?

Write the letters which match the answers to find out.

			A					
\$73.90	\$43.85	\$80.29	\$4.95	\$85.20	\$17.60	\$93.73	\$16.35	\$53.14

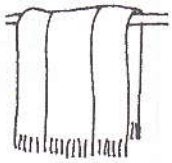
EXERCISE 48

1. Complete the bills.



Wok
$17.80

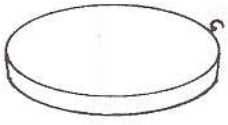
Saucepan
$10.70



Towel
$0.95

Ladle
$1.20

Kettle
$12.90



Chopping board
$3.15

Knife
$2.75

(a) A saucepan $ A ladle $ Total $	(b) A knife $ A chopping board $ Total $
(c) A wok $ A knife $ Total $	(d) A towel $ A kettle $ Total $
(e) A knife $ A ladle $ A towel $ Total $	(f) A wok $ A kettle $ A saucepan $ Total $

2. Mr Wang has $92.65 in the bank.
He deposits another $79.80.
How much money does he have in the bank now?

---

3. Jim has $62.05.
He needs $98.83 more to buy an electric cooker.
What is the cost of the cooker?

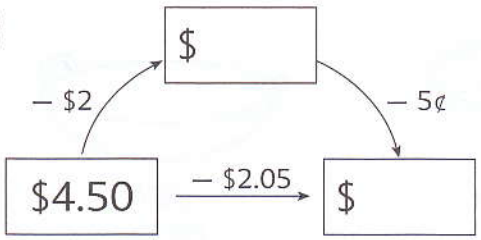
---

4. A radio set costs $80.80.
It costs $98.70 less than a television set.
What is the cost of the television set?

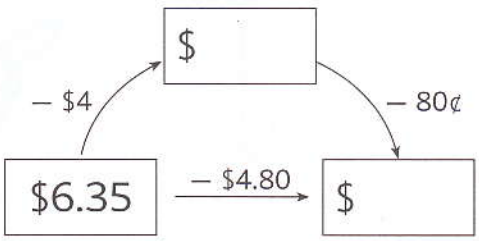
EXERCISE 49

1. Write the missing numbers.

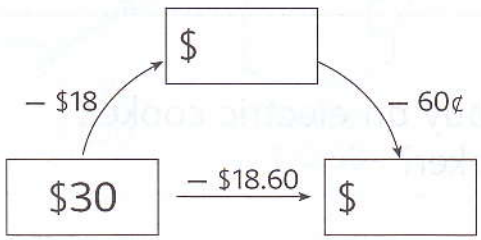
(a)



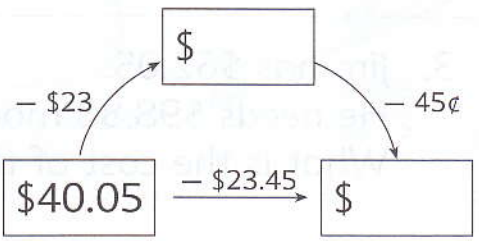
(b)



(c)



(d)



2. Subtract.

(a) $14.20 – $9.05 =	(b) $7.20 – $3.15 =
(c) $62.30 – $8.70 =	(d) $80 – $26.45 =

3. Subtract.

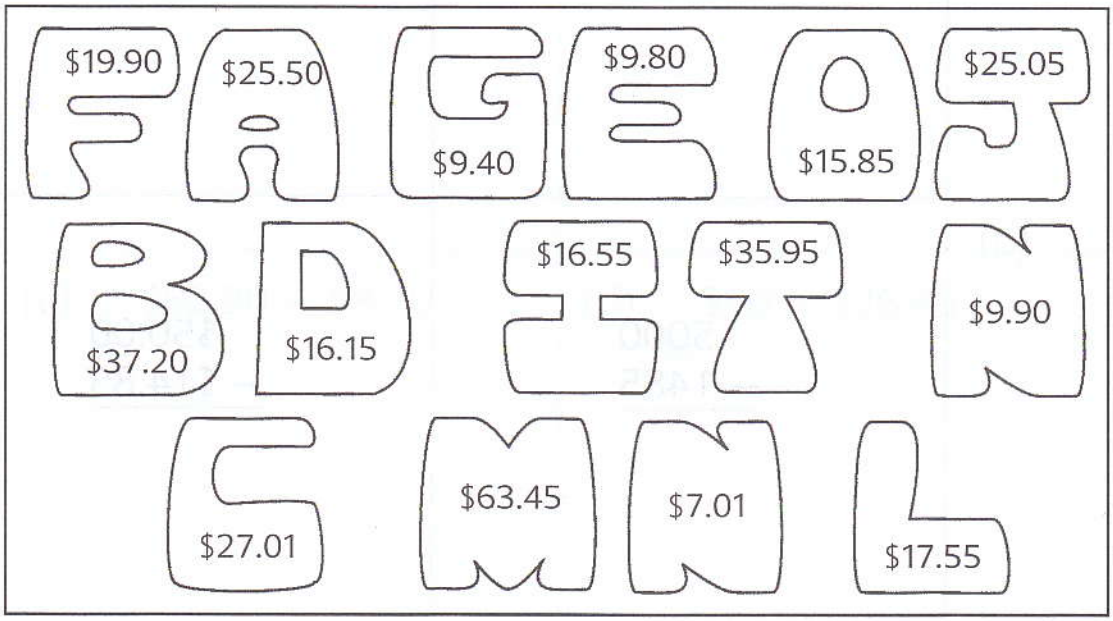
(a)	$\begin{array}{r} 5640 \\ -\ 390 \\ \hline \end{array}$	$\begin{array}{r} \$56.40 \\ -\ \$\ 3.90 \\ \hline \end{array}$
(b)	$\begin{array}{r} 4280 \\ -\ 1755 \\ \hline \end{array}$	$\begin{array}{r} \$42.80 \\ -\ \$17.55 \\ \hline \end{array}$
(c)	$\begin{array}{r} 6005 \\ -\ 1485 \\ \hline \end{array}$	$\begin{array}{r} \$60.05 \\ -\ \$14.85 \\ \hline \end{array}$
(d)	$\begin{array}{r} 5000 \\ -\ 1485 \\ \hline \end{array}$	$\begin{array}{r} \$50.00 \\ -\ \$14.85 \\ \hline \end{array}$

4. Subtract.

\$64.60 − \$27.40	\$50.00 − \$24.50	\$60.05 − \$43.90
\$70.50 − \$ 7.05	\$20.05 − \$ 3.50	\$32.00 − \$24.99
\$41.30 − \$ 5.35	\$25.60 − \$ 9.75	\$27.80 − \$17.90

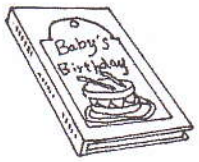
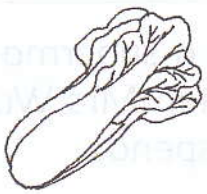
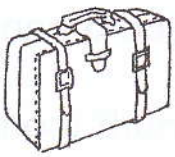
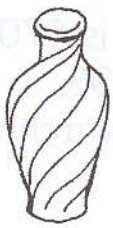
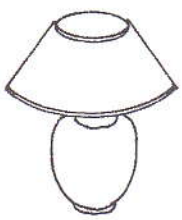
What is Jack's favourite game?

Colour the letters which contain the answers above to find out.



EXERCISE 50

1. Complete the table.

	I had	I bought	Amount of money left
(a)	$ 5	 $2.75	
(b)	$ 2, $1	 $1.65	
(c)	$ 10, $ 10, 50¢	 $19.50	
(d)	$ 50, 5¢, 20¢	 $24.80	
(e)	$ 50, $1, $ 20, $1	 $69.90	

2. Weihua bought a watch and a pen for $60.25.
The pen cost $16.90.
How much did the watch cost?

3. Mrs Lin spent $48.60 at a supermarket.
She spent $3.55 more than Mrs Wu.
How much did Mrs Wu spend?

4. The usual price of a watch is $70.
At a sale, it is sold for $47.95.
How much cheaper is the watch at the sale?

EXERCISE 51

1. Huiling bought a pair of shoes for $24.95.
   She also bought a shirt for $9.50.
   She gave the shopkeeper $50.
   How much change did she receive?

---

2. Sufen bought a ball and a bat.
   The ball cost $1.20.
   The bat cost $2.60 more than the ball.
   How much did she spend altogether?

3. Mary bought a pen and a book.
She gave the cashier $10 and received a change of $2.05.
The book cost $7.35.
How much did the pen cost?

---

4. Samy spent $3.80 on breakfast.
He spent $1.15 less on lunch than on breakfast.
He had no money left.
How much money did he have at first?

REVISION 5

1. The table shows the prices of three refrigerators.

Refrigerator A	Refrigerator B	Refrigerator C
$2035	$1400	$1835

Fill in the blanks.

(a) Refrigerator C is _____ cheaper than Refrigerator A.

(b) Refrigerator _____ is the cheapest.

2. Write the numbers in words.
(a) 5007

_____

(b) 1043

_____

(c) 9560

_____

3. In 5672, the value of digit 5 is _____.

4. In 3812, the digit 8 stands for _____.

5. In 6840, the digit _____ is in the tens place.

6. In 4297, the digit _____ is in the hundreds place.

Its value is _____.

7. Write the numbers.

Thousands	Hundreds	Tens	Ones
1000 1000 1000	100 100	10 10 10 10 10 10	1 1 1

_____

Thousands	Hundreds	Tens	Ones
1000 1000		10 10 10	

_____

8. Find the value of each of the following.

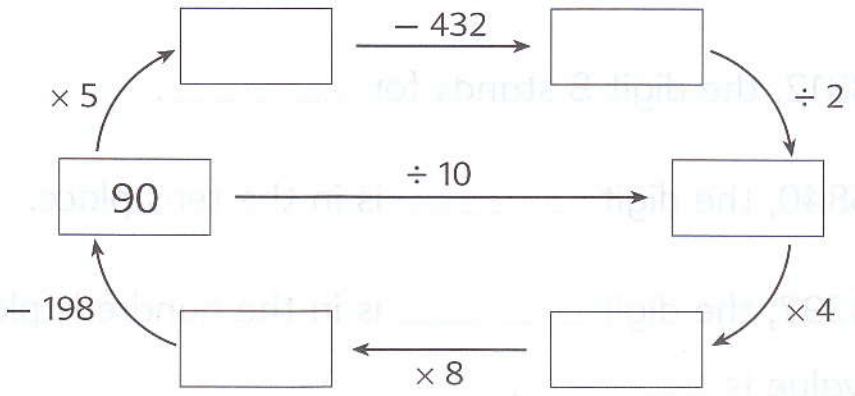
(a) 6053 $\xrightarrow{+\ 500}$ ☐

(b) 3984 $\xrightarrow{-\ 40}$ ☐

(c) 8107 $\xrightarrow{+\ 1000}$ ☐

(d) 4790 $\xrightarrow{-\ 200}$ ☐

9. Find the answers by following the arrows.



10. 2950 people visited an exhibition on Saturday.
3300 people visited the exhibition on Sunday.
How many more people visited the exhibition on Sunday than on Saturday?

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11. After selling 905 kg of rice, Mr Ho had 145 kg of rice left.
How many kilograms of rice had he at first?

---

12. There are 7 boxes each containing 50 oranges.
How many oranges are there altogether?

13. A fruit seller had 928 oranges.
16 of them were rotten.
He packed the rest into bags of 8.
How many bags of oranges were there?

---

14. Mrs Huang earns $2500 a month.
She spends $500 on food and $1250 on others.
She saves the rest of the money.
How much does she save a month?

REVISION 6

1. Fill in the blanks.

   (a) 1 more than 4069 is _____.

   (b) 10 more than 1390 is _____.

   (c) _____ is 10 less than 6029.

   (d) _____ is 100 less than 5000.

2. Write the missing numbers.

   (a) 100 + _____ = 1000

   (b) 402 + _____ = 1000

   (c) 4329 + _____ = 5000

3. Do these.

   (a) 1988 + 650 =

   (b) 4010 − 1256 =

   (c) 684 × 9 =

   (d) 440 ÷ 9 =

4. (a) The difference between two numbers is 50.
   If the smaller number is 24, what is the other number?

(b) The product of two numbers is 72.
If one number is 9, what is the other number?

---

5. 6 children bought a present for $42.
They shared the cost equally.
How much did each child pay?

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6. Minghua's weight is 52 kg now.
He was 8 kg lighter last year.
What was his weight last year?

7. After selling 1325 sticks of satay, Mr Li still had 576 sticks of satay left.
How many sticks of satay had he at first?

8. A basket of rambutans weighs 150 kg.
It is 112 kg lighter than a basket of durians.
Find the weight of the basket of durians.

9. A fruit seller packed 108 apples into bags of 5.
How many bags were there?
How many apples were left over?

10. The total weight of a textbook and 8 notebooks is 800 g.
The weight of the textbook is 200 g.
If the notebooks are of the same weight, find the weight of each notebook.

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11. After buying 9 kg of crabs, Mrs Lin had $110 left.
How much money did she have at first?

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