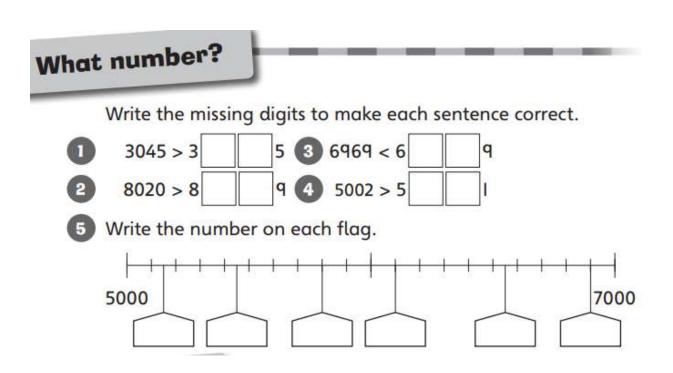
MATHEMATICS – YEAR 4

HOLIDAY REINFORCEMENT-WORK – JULY, AUGUST 2018

NAME : _____

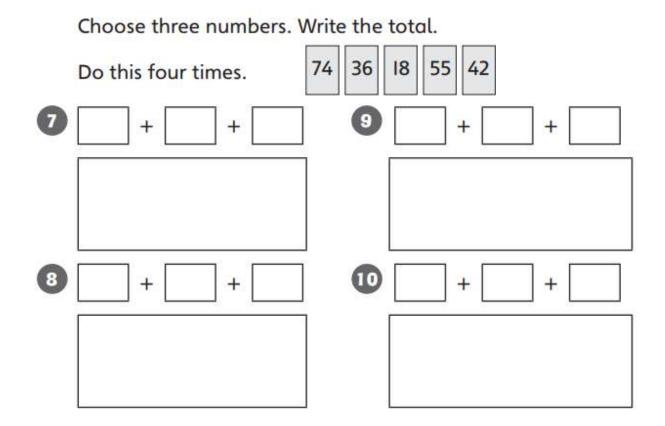


Addition grid

6 Complete the addition grid.

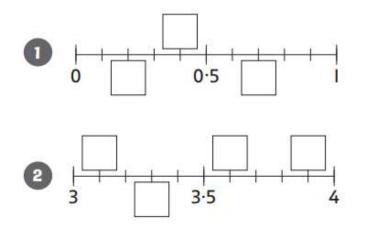
| + | 3459 | 7071 | 1009 | 6880 |
|------|------|------|------|------|
| 2000 | 5459 | | | |
| 200 | | | | |
| 20 | | 7091 | | |

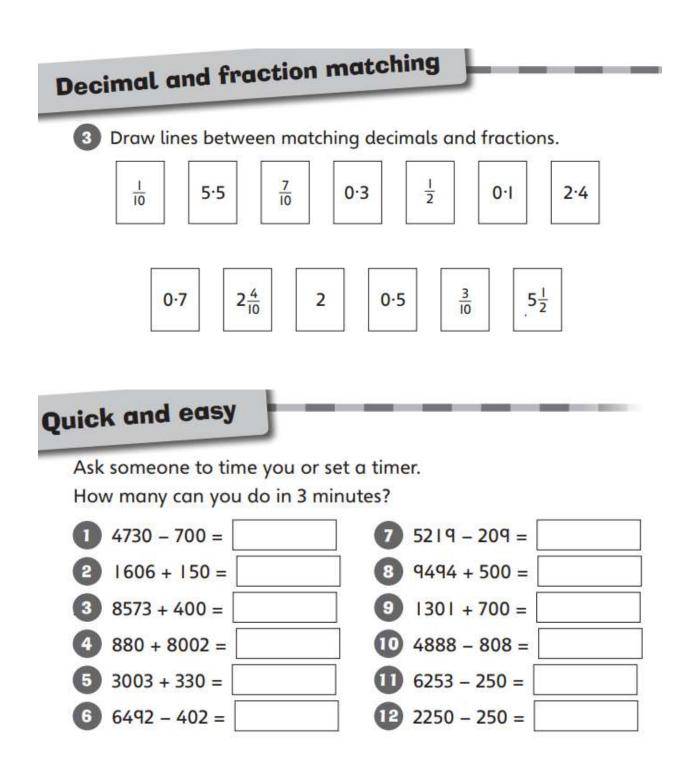
_



Decimal fractions

Write the missing numbers on each line.





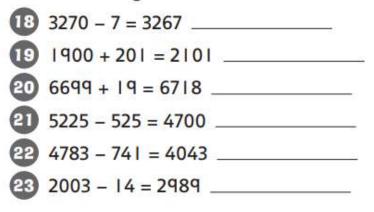
Onwards and upwards

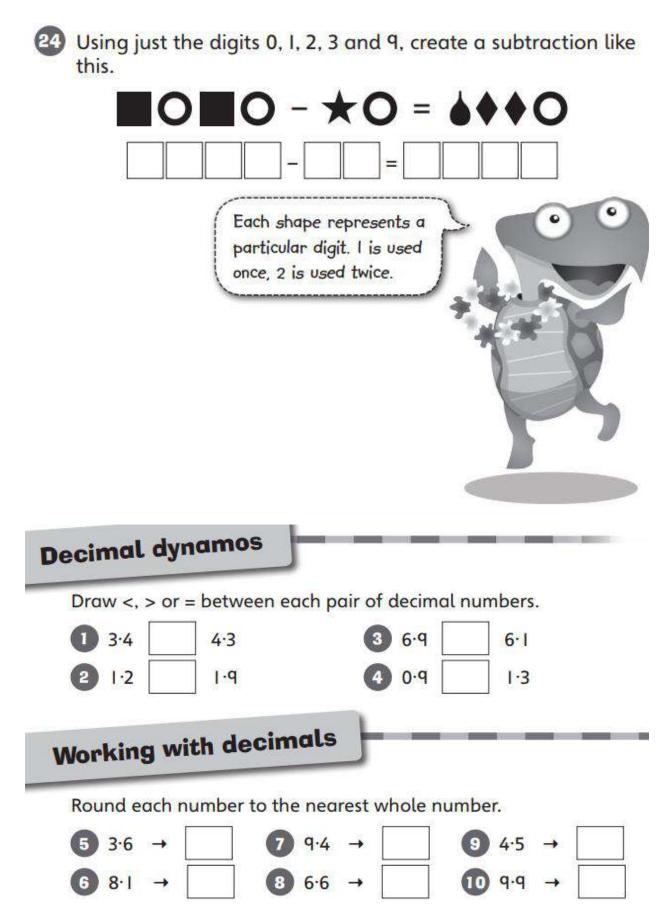
Continue each sequence by writing the next four numbers.

| 13 465 | 565 6 | 65 76 | 5 | | | |
|---------------|--------|-------|------|---|------|--|
| 1 6557 | 6567 | 6577 | 6587 | | | |
| 15 8520 | 8420 | 8320 | 8220 | | | |
| 16 101 | 0 1120 | 1230 | 1340 | | | |
| 1 9969 | 9 9959 | 9949 | 9939 | 5 | | |

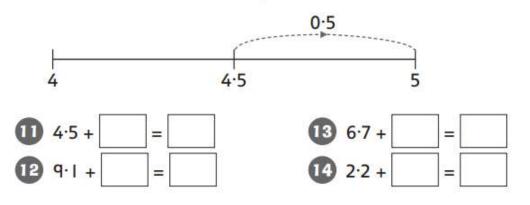
Puzzle it out

Three of these calculations are wrong and three are right. Find the wrong ones and work out the correct answers.

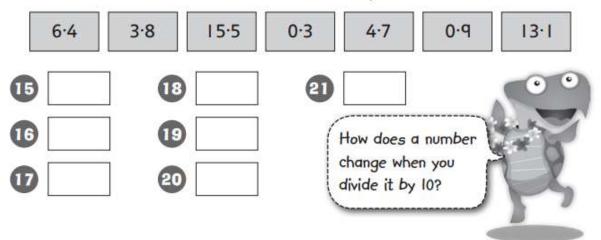


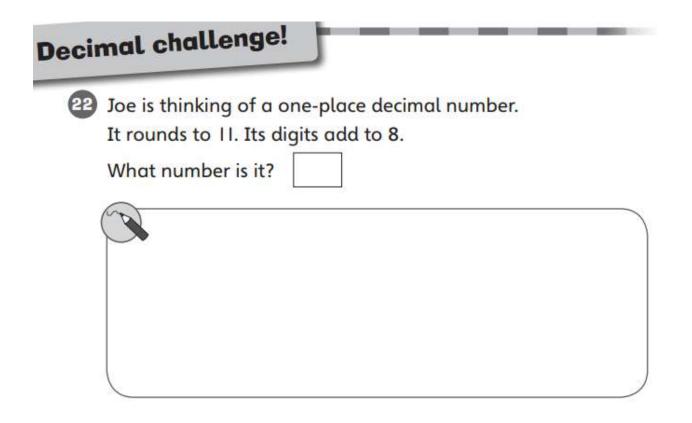


Write the amount to add to get to the next whole number.



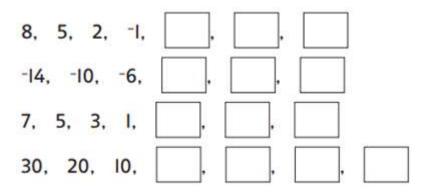
Take each card number in turn. Divide it by 10. Write the answer.





Positive and negative

Continue each sequence.



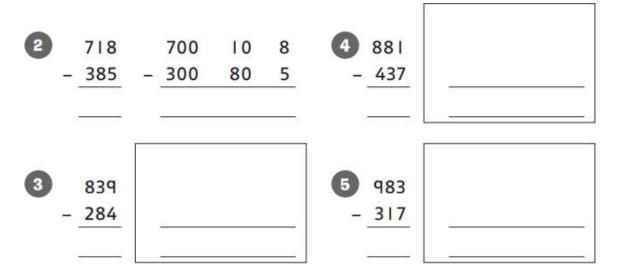
Grand totals

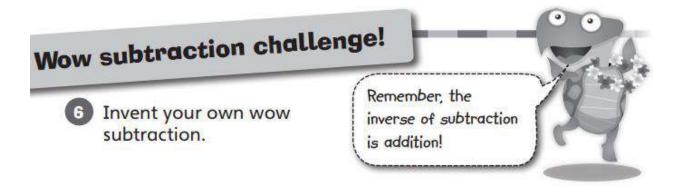
1 Tick the addition you estimate has the largest total. Complete the additions. Were you correct?

| 357 | 478 | 129 |
|----------|------|-------|
| 124 | 264 | 596 |
| + 373 | + 56 | + 128 |
| <u> </u> | | |
| | | |

Wow subtractions!

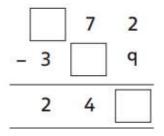
Complete each of these subtractions to find out why they will make you say wow!







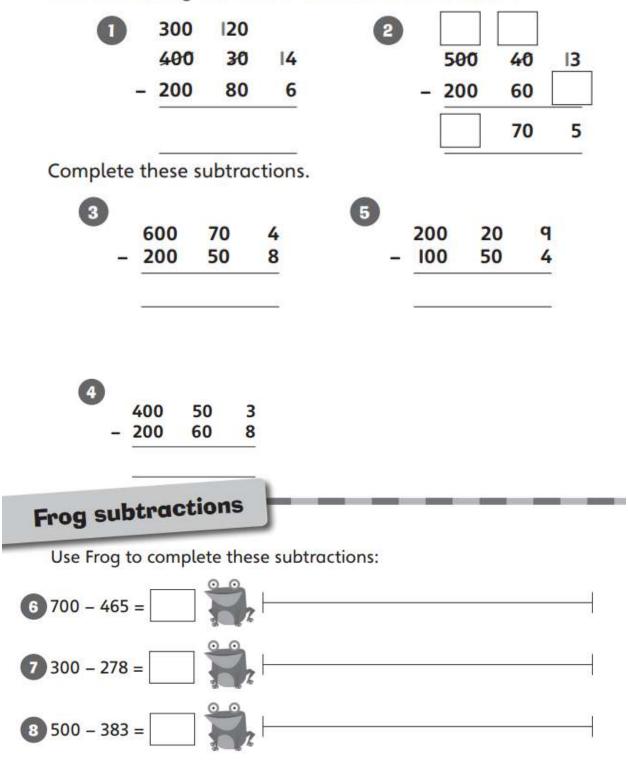
7 Write the missing digits to make the subtraction work. Is there more than one solution?



Mystery subtraction

Complete the first subtraction.

Find the missing numbers in the second subtraction.



Easy and speedy

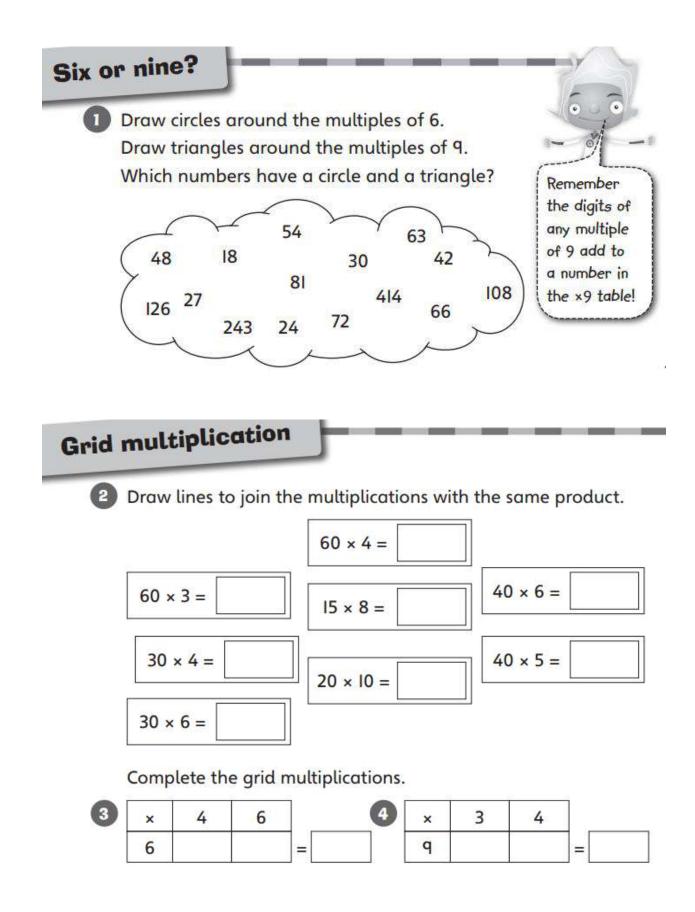
Write the missing digits to make each sentence correct.

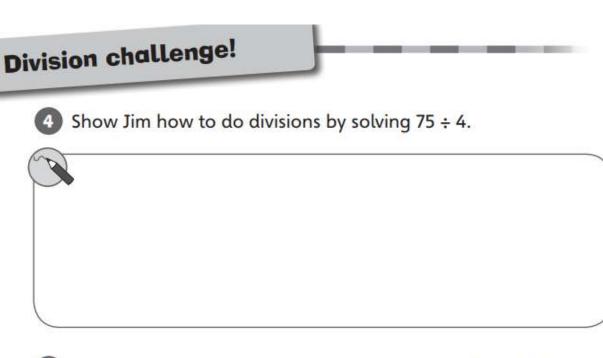


Some subtracting

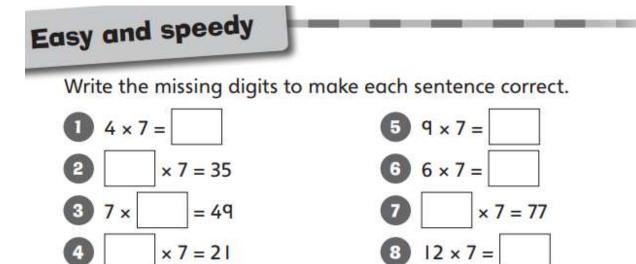
Find the answers to these subtractions.

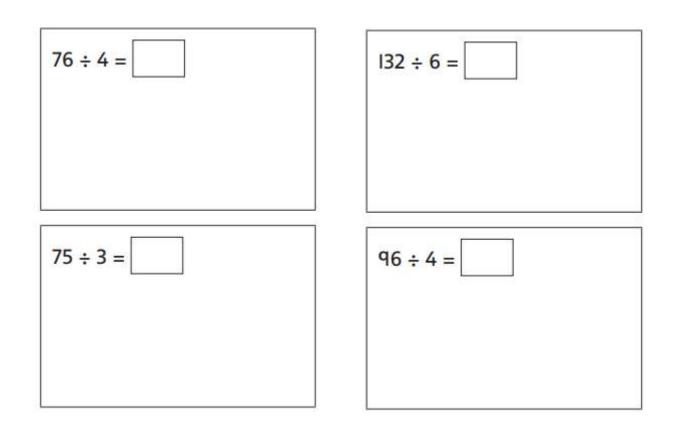
| 9 | 300 | 130 | | 10 | 100 | 110 | 13 | 0 | 200 | 140 | |
|---|-----|-----|---|----|-----|-----|----|---|-----|-----|---|
| | 400 | 30 | 7 | | 200 | 20 | 3 | | 300 | 40 | 5 |
| - | 100 | 60 | 3 | - | 100 | 70 | 8 | _ | 100 | 70 | 4 |
| | | | | | | | | | | | |

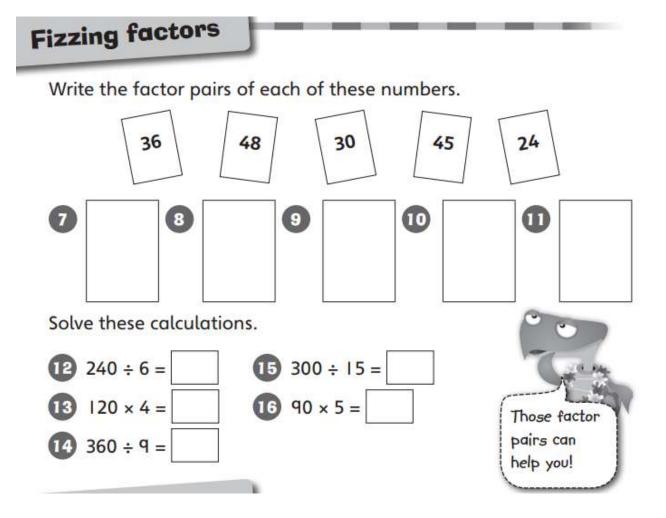


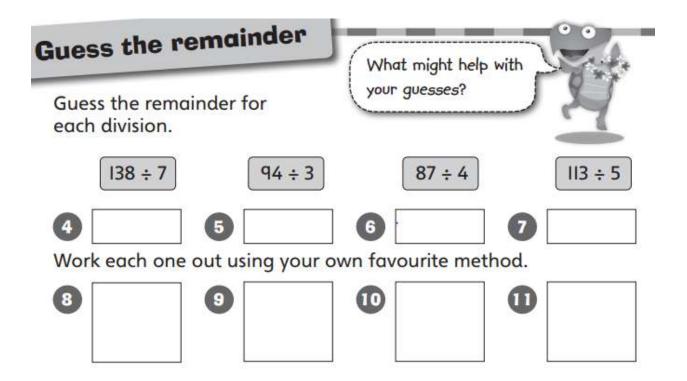


5 Would the answer be bigger or smaller if you divided 75 by 3?

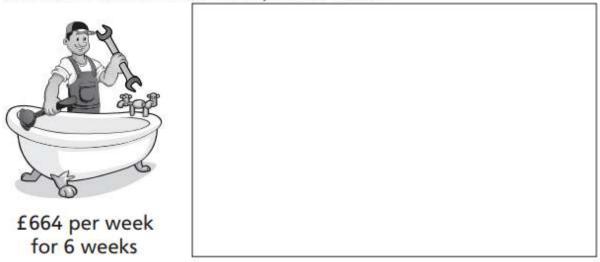


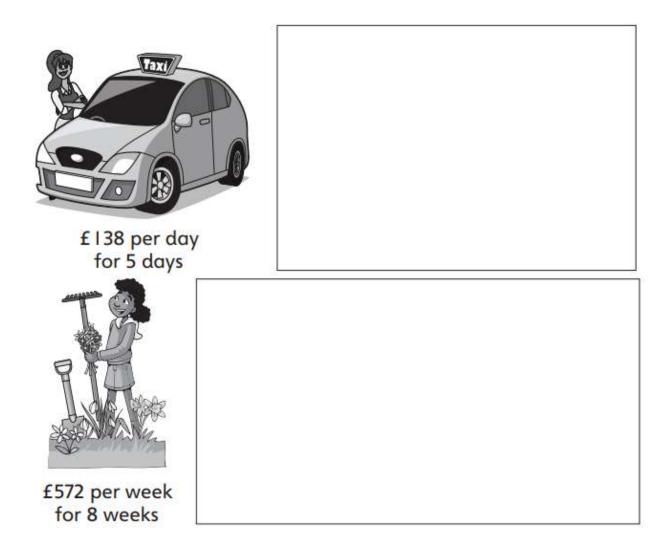






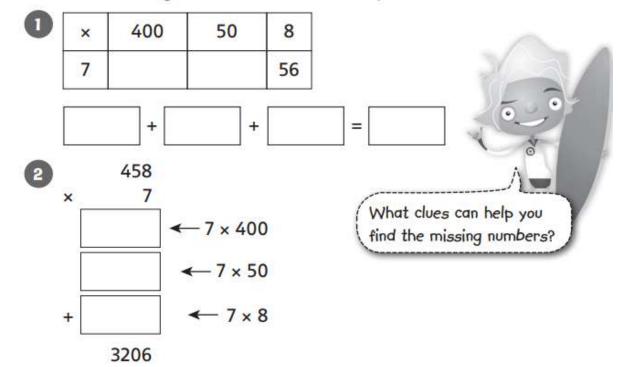
Find the amount that each person earns.



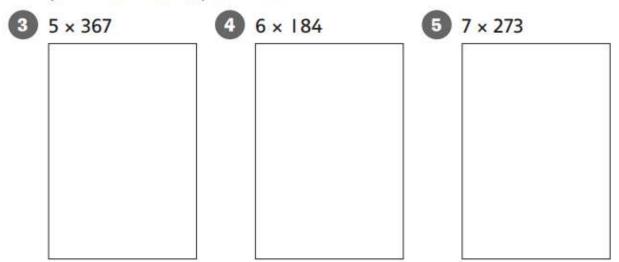


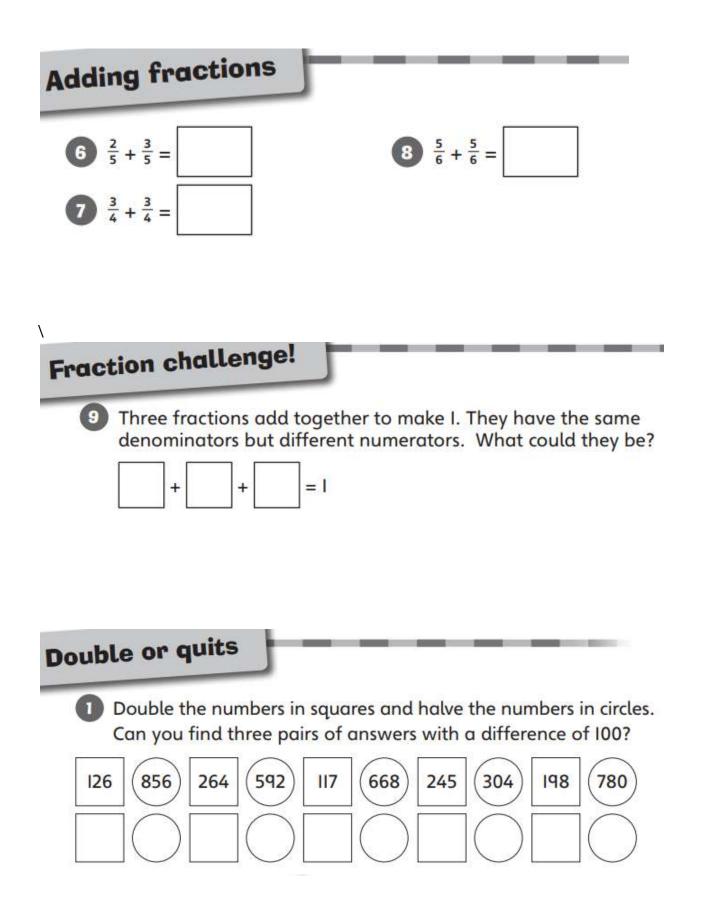


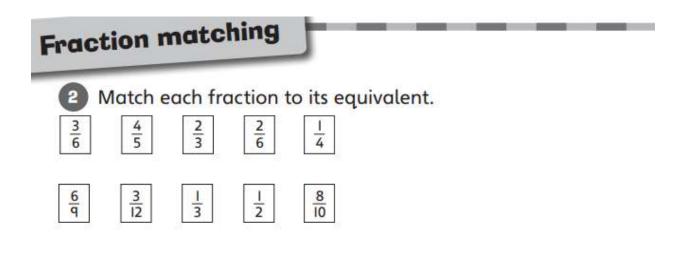
Fill in the missing numbers in these multiplications.

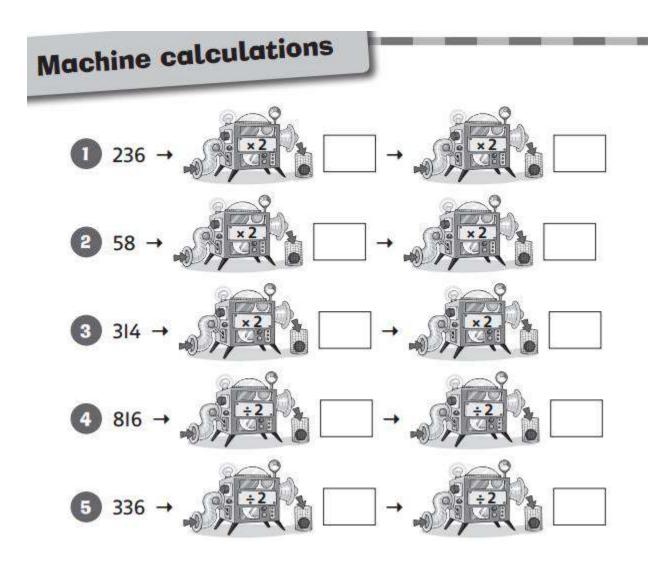


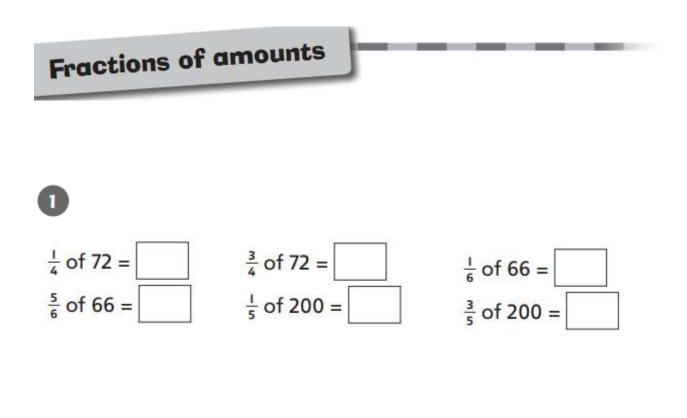
Complete these multiplications.

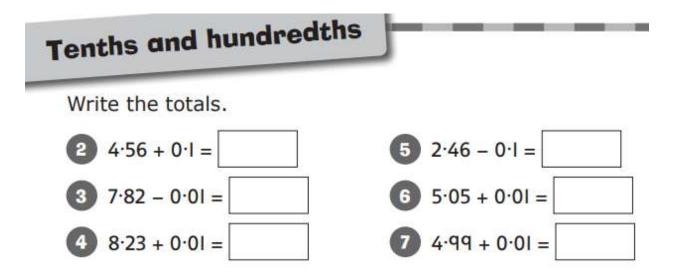




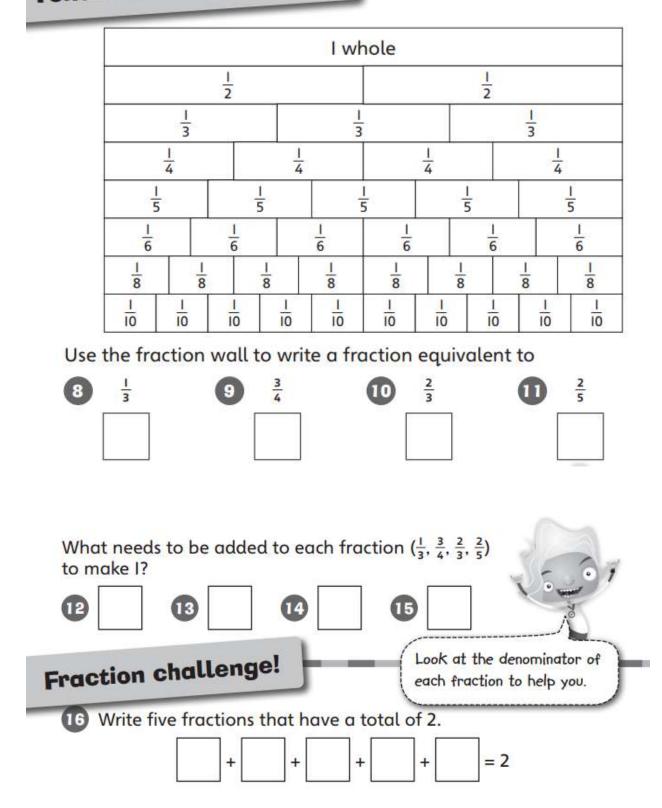






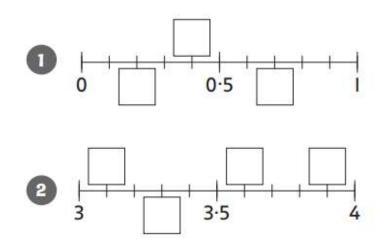


Tenths and hundredths



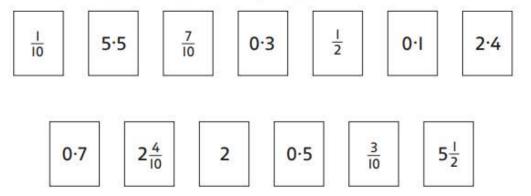
Decimal fractions

Write the missing numbers on each line.



Decimal and fraction matching

3 Draw lines between matching decimals and fractions.



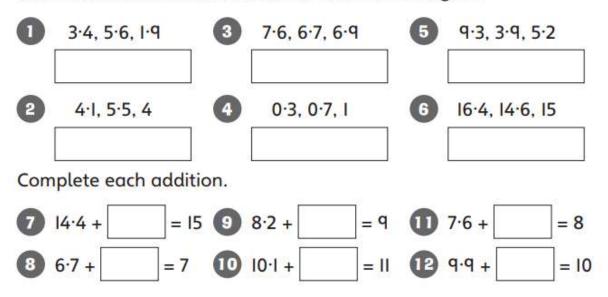
Decimal grid

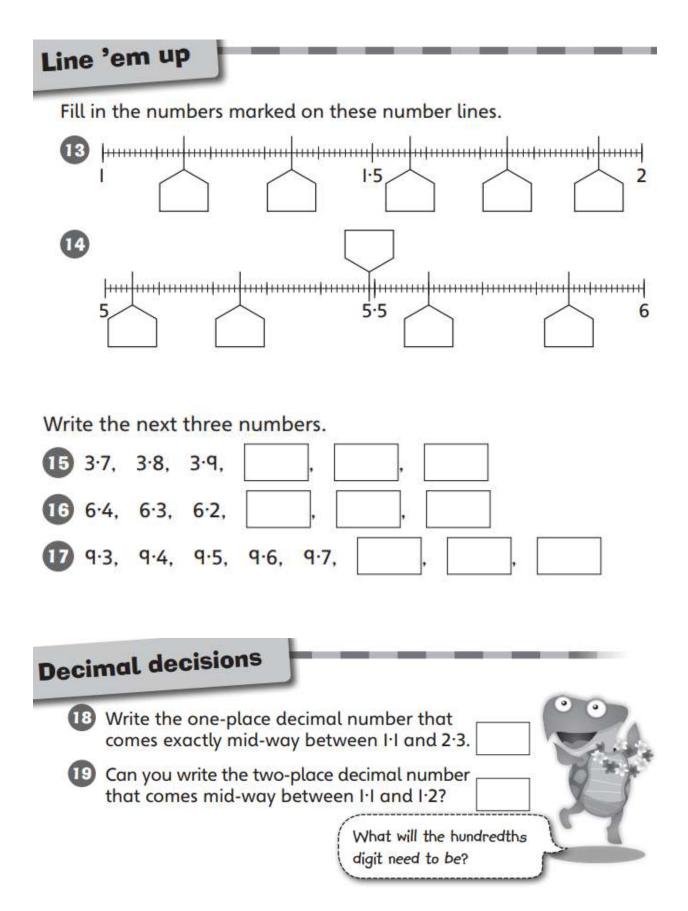
Look at the calculations. Write each answer on the grid.

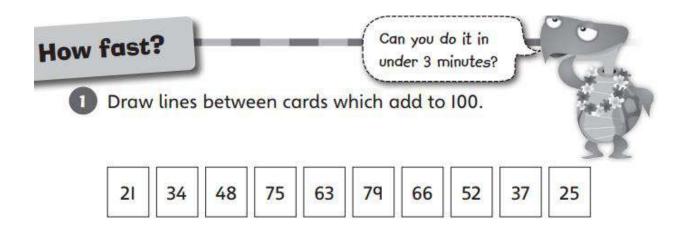
| 3I ÷ 10 | 0·l × | 10 | 24 | ÷ 10 | 7·4 × 10 | 6 ÷ 10 |
|---------|-------|----|----|------|------------------|--------|
| 100s | lOs | ls | + | 0·ls | | 0 |
| | | | | | - (Think careful | y \ |
| | | | | | about the valu | Je - |
| | | | | | of each digit. | |
| | | | | | ••• | I. |

Quick and easy

Write these numbers in order from smallest to largest.

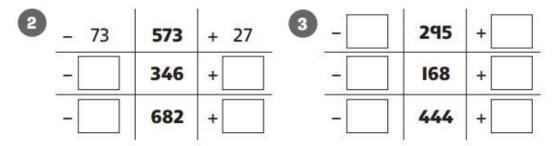


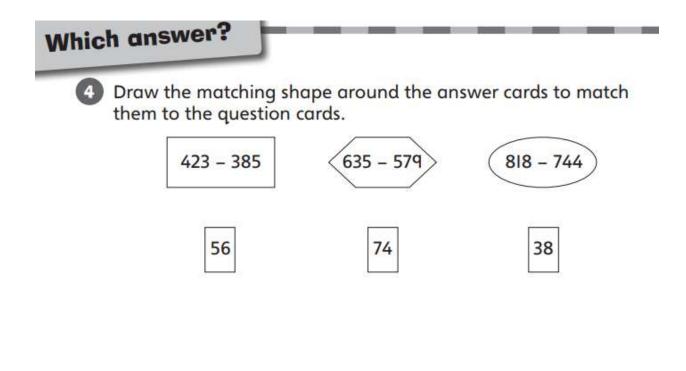




Back and forth

Fill in the numbers you must subtract to get to the previous multiple of 100, and the numbers you must add to get to the next multiple of 100.





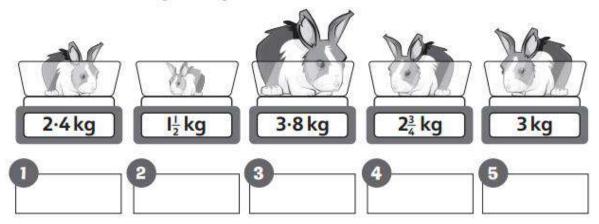
Puzzle it out

Five numbers are added together. Three of them are multiples of 10. Two of them are I-digit numbers. The total is a 3-digit number with three consecutive digits.

This is one possible solution: 40 + 40 + 40 + 1 + 2 = 123

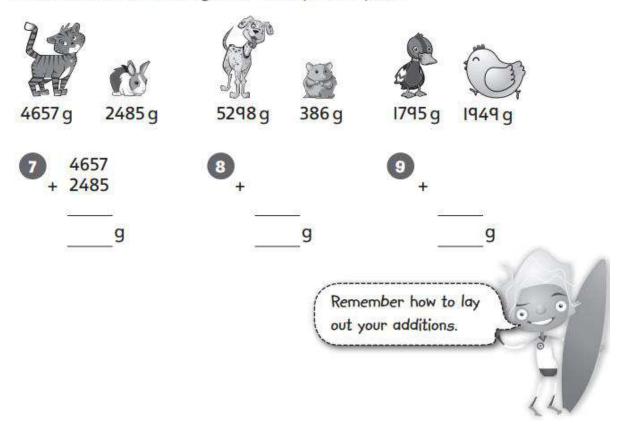


Convert each weight to grams.



Pet weights

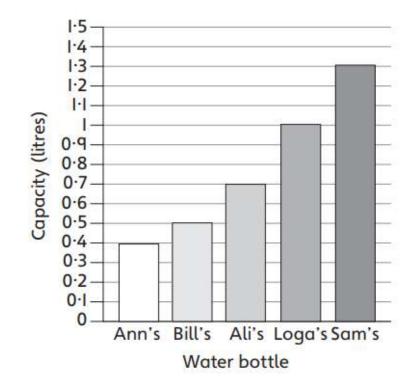
Work out the total weight of each pair of pets.

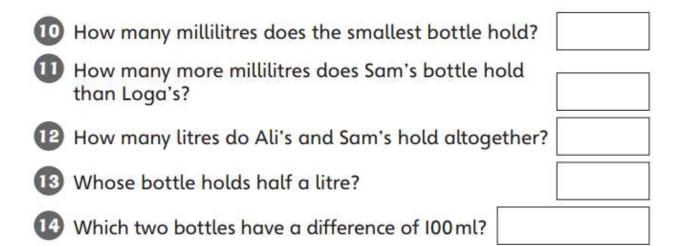


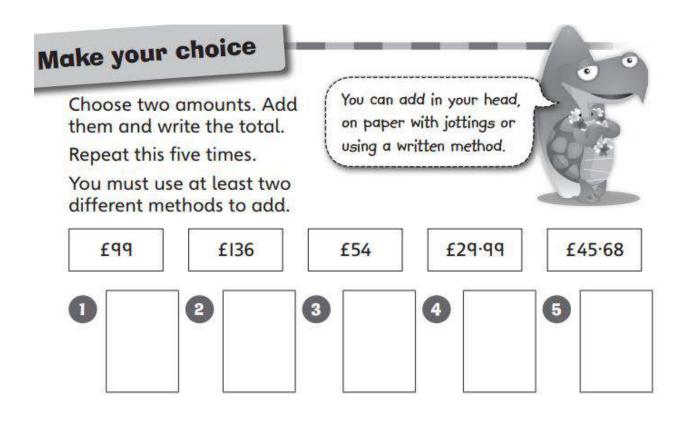
1000 I

Comparing capacity

This bar graph shows the capacities of different drinking bottles. Answer the questions.

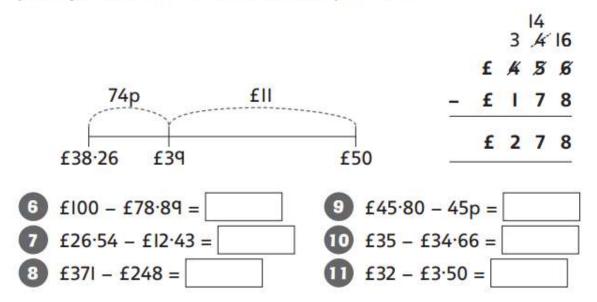




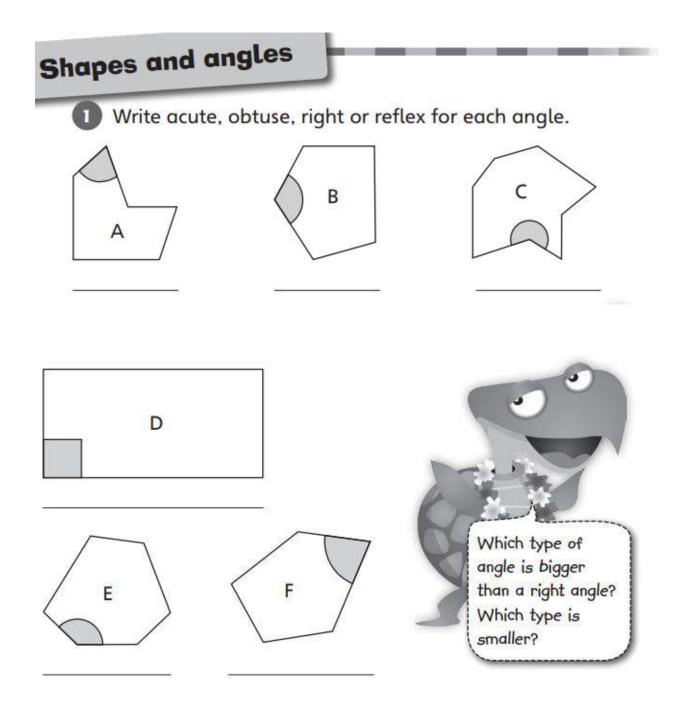


Choose again

Look at each subtraction and choose how to do it. You can make jottings on the back of this sheet if you wish.

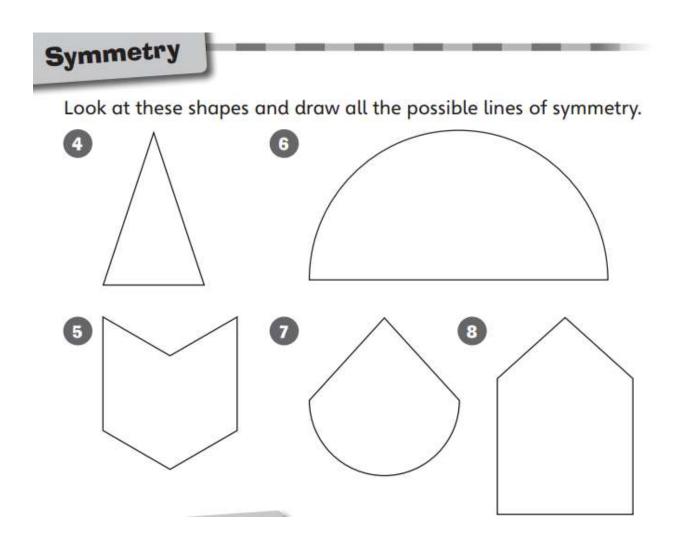


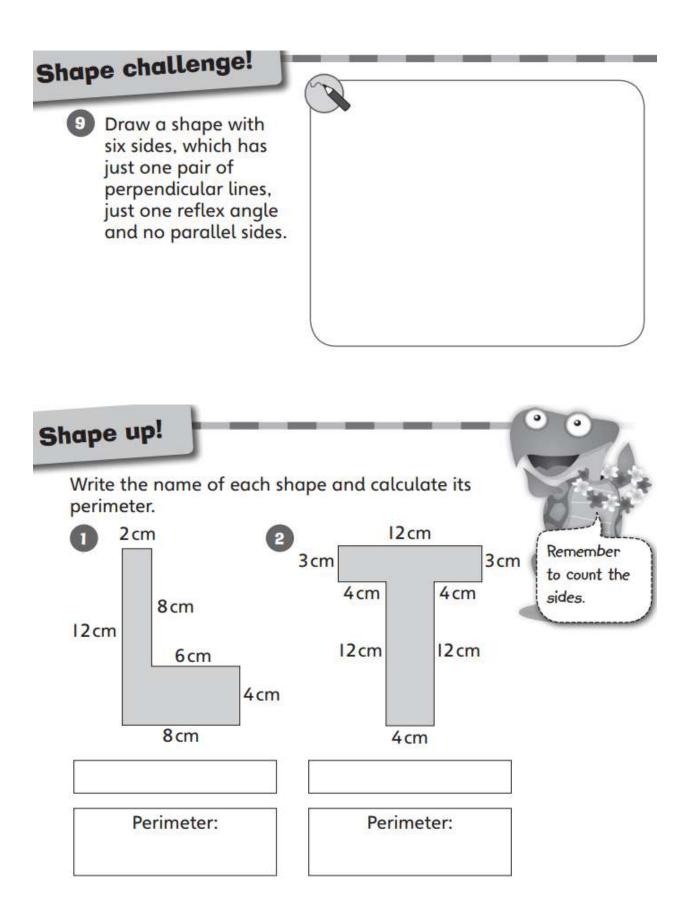
Digit puzzle A mystery number is subtracted from 500. The answer has three consecutive digits and the digits of the answer add to 12. What is the mystery number?

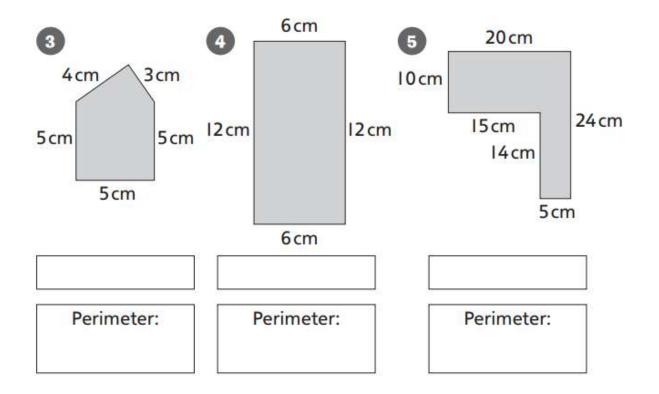


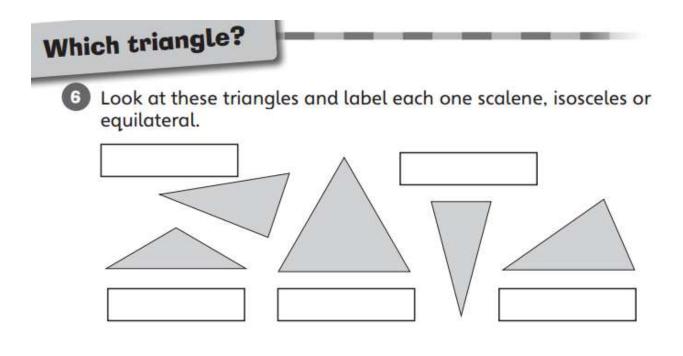
2 Write the letters of the shapes that have parallel lines.







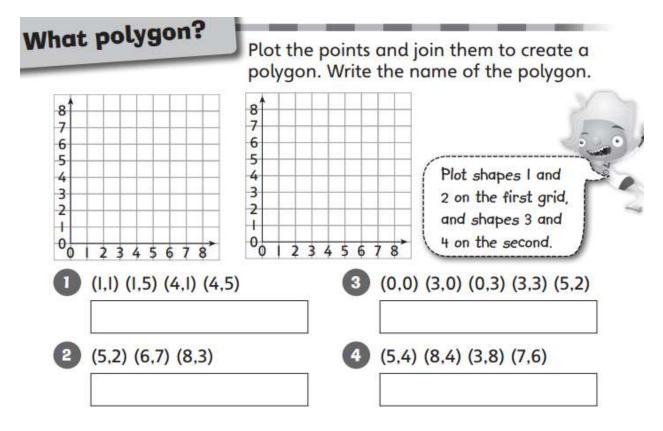


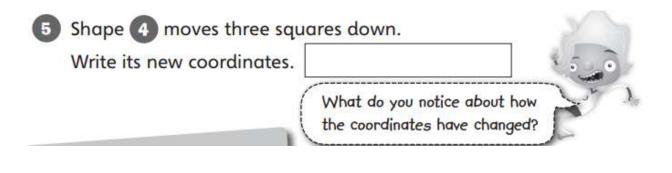


Perimeter challenge!

Draw three shapes, all with different areas but the same perimeter.







Dollars and pounds

Sam is travelling to Australia.

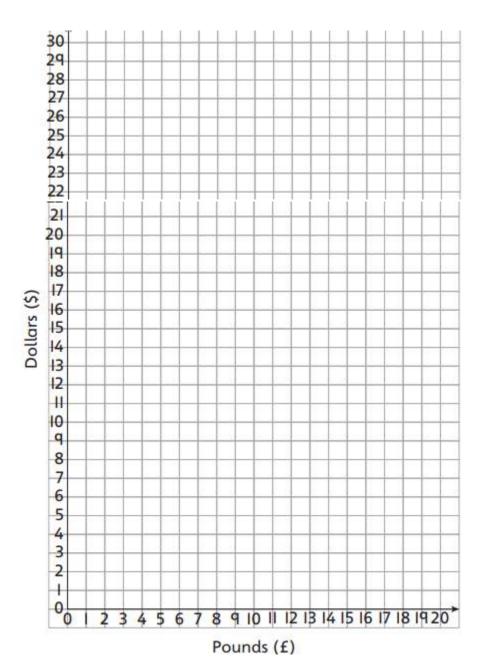
6 Complete this table showing how many Australian dollars Sam can get for each amount of British pounds.

| British Pounds | | Aus. Dollars | |
|-----------------------|------|------------------------|--|
| 2 pounds | buys | 3 dollars 6 dollars | |
| 4 pounds | buys | | |
| pounds | buys | 9 dollars | |
| 8 pounds | buys | dollars | |
| pounds | buys | dollars | |
| pounds | buys | dollars | |

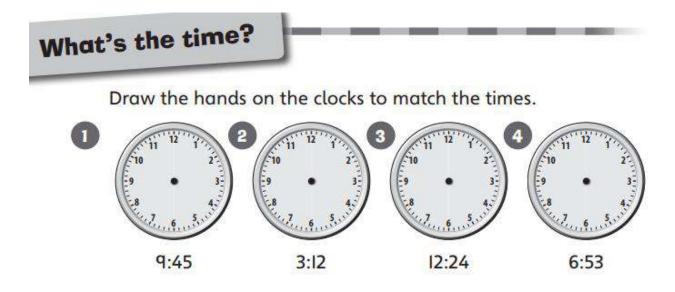
For the last two rows, your number of pounds should not be more than 20.



Use the table to draw a line graph to show how many dollars Sam can get for each amount of pounds.

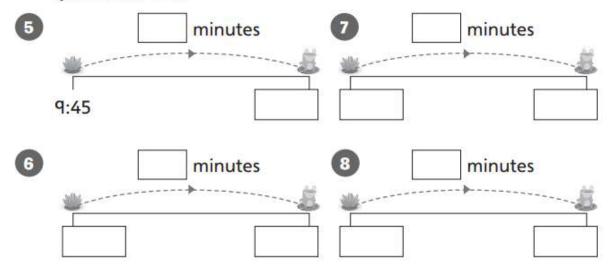






Count up times

Count up to the next o'clock time for each of the four clocks in questions I to 4.



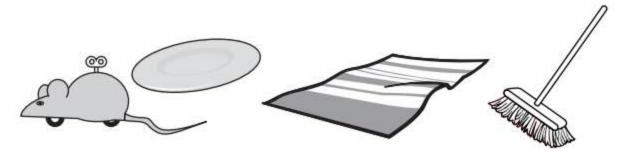
Ali leaves school at quarter to four. He gets home at ten past four. How long is his journey?
 Debbie has to bake a cake for 30 minutes. She puts it in the oven at five to ten. What time should she take it out?

Measuring in cm and mm

Complete these sentences.

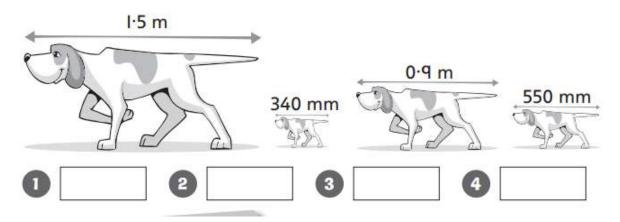


Which of these could measure 25 cm in length? Explain why you think this.



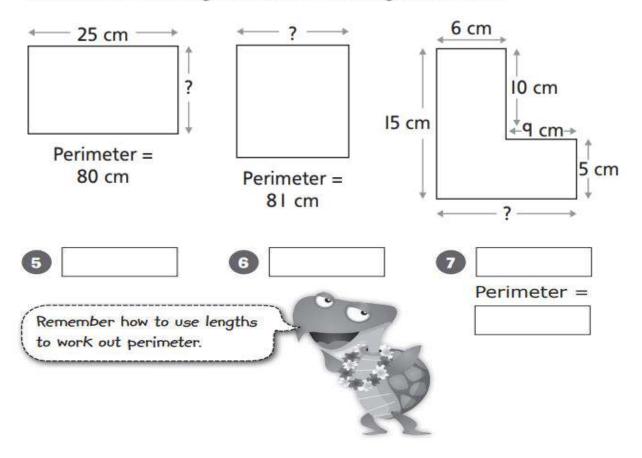
Dog lengths

Convert each length to centimetres and then write them in order, smallest to largest.



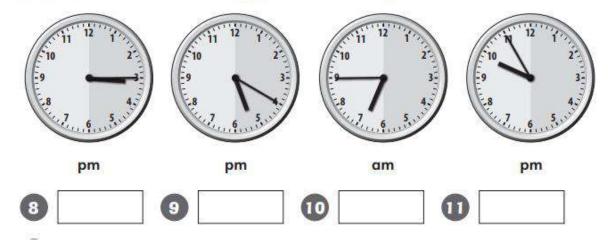
Perimeter puzzles

Work out the missing amounts in the diagrams below.



Tell the time

Write each clock time in digital 24-hour format.



12 A coach journey lasts 3¹/₂ hours. The coach arrives at its destination at midday. The first half of the journey takes twice as long as the second half. At what time does the coach reach the halfway point?

