

The pupil can:

- read scales\* where not all numbers on the scale are given and estimate points in between
- recall and use multiplication and division facts for 2, 5 and 10 and make deductions outside known multiplication facts
- use reasoning about numbers and relationships to solve more complex problems and explain their thinking (e.g.  $29 + 17 = 15 + 4 + \square$ ; 'together Jack and Sam have £14. Jack has £2 more than Sam. How much money does Sam have? etc.)
- solve unfamiliar word problems that involve more than one step (e.g. 'which has the most biscuits, 4 packets of biscuits with 5 in each packet or 3 packets of biscuits with 10 in each packet?')
- read the time on a clock to the nearest 5 minutes
- describe similarities and differences of 2-D and 3-D shapes, using their properties (e.g. that two different 2-D shapes both have only one line of symmetry; that a cube and a cuboid have the same number of edges, faces and vertices, but different dimensions).

Guidance . Question 2 is about using the facts they know, not having to work out the answer exactly – eg. Which of these could be the answer to  $5 \times 17 =$  81, 83 85.

I know that all numbers in the five times table end in 0 and 5, so 85 is the only possible correct option.

Question 5 is about 2D shapes and 3D shapes. 2D shapes have sides and vertices. 3D shapes have edges, vertices and faces.

Telling the time to the nearest 5 minutes can be practised here:

<https://mathsframe.co.uk/en/resources/resource/117/telling-the-time-in-words>

1.

Fill in the missing numbers.



Draw an arrow to estimate where 55 would be on this number line:



2.

Which of these could be the answer to  $5 \times 17 = ?$  81 83 85

Explain how you know:

Which of these could be the answer to  $2 \times 132 = ?$  261 264 267

Explain how you know:

3.

$$25 + 3 = 20 + 1 + \underline{\quad}$$

$$6 + 3 - 1 = 4 + \underline{\quad}$$

4.

Sarah has 20 cookies and gives  $\frac{1}{2}$  away. Jim has  $\frac{1}{4}$  of 24 cookies. Who has the most cookies?

5.

Name these 2d shapes:



What is the same?

What is different?

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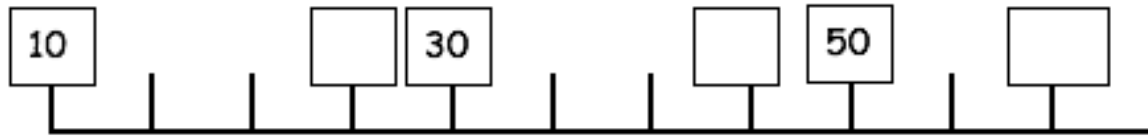
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1.

Fill in the missing numbers.



Draw an arrow to estimate where 30 would be on this number line:



2.

Which of these could be the answer to  $60 \times 10 = ?$       666      601  
600

Explain how you know:

Which of these could be the answer to  $5 \times 22 = ?$       522      110      152

Explain how you know:

3.

$\underline{\quad} + 3 = 6 + 8 + 5$

$7 - 3 + 20 = 20 + \underline{\quad}$

4.

Tom has 5 bags of cookies with 10 cookies each in them.

Sarah has 9 bags of cookies with 5 cookies each in them.

Who has the most cookies?

Complete the sentences:

Tom has            fewer / more cookies than Sarah.

5. Name these shapes:



What is the same?

What is different?

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\_\_\_\_\_

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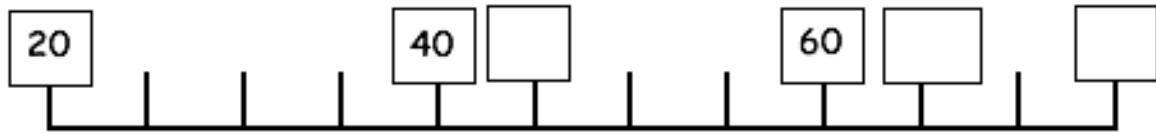
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1.

Fill in the missing numbers.



Draw an arrow to estimate where 92 would be on this number line:



2.

Which of these could be the answer to  $5 \times 53 = ?$       265      553      268  
Explain how you know:

Which of these could be the answer to double 36?      63      71      72  
Explain how you know:

3.

$$21 + 6 = 20 + 5 + \underline{\quad}$$

$$15 + 10 - 3 = 20 + \underline{\quad}$$

4.

John has 15 sweets. He eats 12, then he buys 5 more.

Ben has 18 sweets and he eats half of them.

Who has the most sweets?

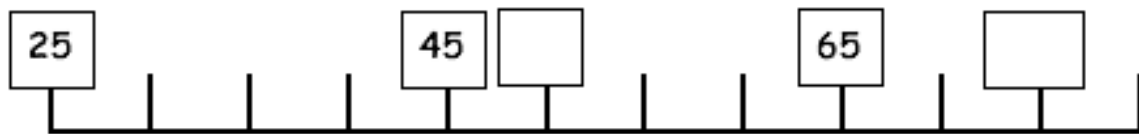
5.

What time is this?



1.

Fill in the missing numbers.



Draw an arrow to estimate where 68 would be on this number line:



2.

Which of these could be the answer to  $2 \times 91 = ?$       181      182      183  
Explain how you know:

$$12 \times 10 = \underline{\hspace{2cm}}$$

$$13 \times 10 = \underline{\hspace{2cm}}$$

$$14 \times 10 = \underline{\hspace{2cm}}$$

3.

$$19 + 5 = 25 - \underline{\hspace{2cm}}$$

$$1 + 2 + 3 + 4 + 5 = 20 - \underline{\hspace{2cm}}$$

4.

Tom has 80p. He buys 3 apples that cost 20p. Then he buys a pear that costs 10p.

How much money did Tom spend?           

How much money does he have left?           

5.

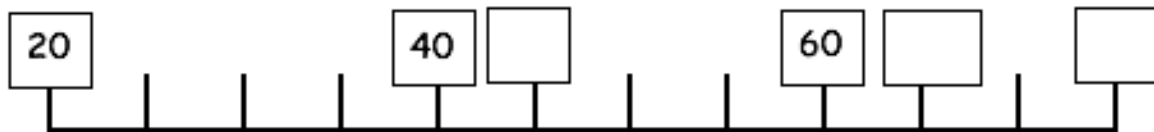
What time is this?



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Draw an arrow to estimate where 92 would be on this number line:



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Which of these could be the answer to  $5 \times 53 = ?$       265      553      268  
Explain how you know:

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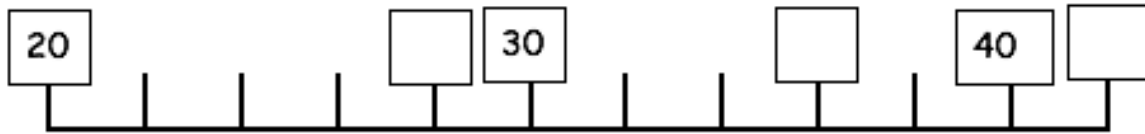
What time is this?



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1.

Fill in the missing numbers.



Draw an arrow to estimate where 5 would be on this number line:



2.

Which of these could be the answer to  $10 \times 19 = ?$       101      199      190

Explain how you know:

$$12 \times 2 = \underline{\quad}$$

$$13 \times 2 = \underline{\quad}$$

$$14 \times 2 = \underline{\quad}$$

3.

$$19 + 5 = 25 - \underline{\quad}$$

$$1 + 2 + 3 + 4 + 5 = 20 - \underline{\quad}$$

4.

On Tuesday there were 20 birds in a tree. 15 flew away. Then 6 came back.

On Wednesday there were 25 birds in a tree. 5 flew away. Then half of the remaining birds flew away.

On which day were there more birds in the tree? \_\_\_\_\_

5.

What time is this?



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