Rapid Reasoning

Year 4 Week 12

NEW VALLEY

Here are two clock faces.

Join each clock face to the correct digital time.

Which of these numbers give **80** when **rounded** to the **nearest 10**?

Circle all the correct numbers.

84   87   72   76   90

A number **multiplied by itself** gives the answer 64

Circle the number.

2   3   4   5   6   7   8   9

9:20

3:40

4:40

8:40

8:20

4:20

Rapid reasoning   Monday Answers

NEW VALLEY

Here are two clock faces.

Which of these numbers give **80** when **rounded** to the **nearest 10**?   Join each clock face to the correct digital time.

Circle all the correct numbers.

84   87   72   76   90

A number **multiplied by itself** gives the answer   64

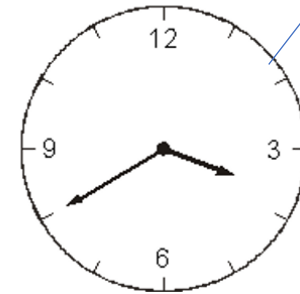Circle the number.

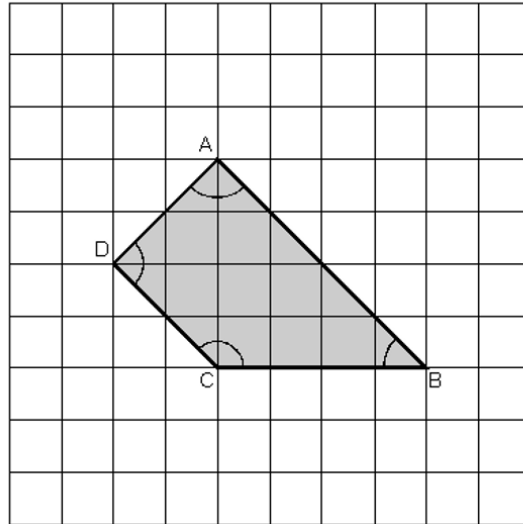2   3   4   5   6   7   8   9

9:20

3:40

4:40

8:40

8:20

4:20

Rapid reasoning

Tuesday

Here is a shape on a square grid.

For each sentence, put a tick if it is true. Put a cross if it is not true.
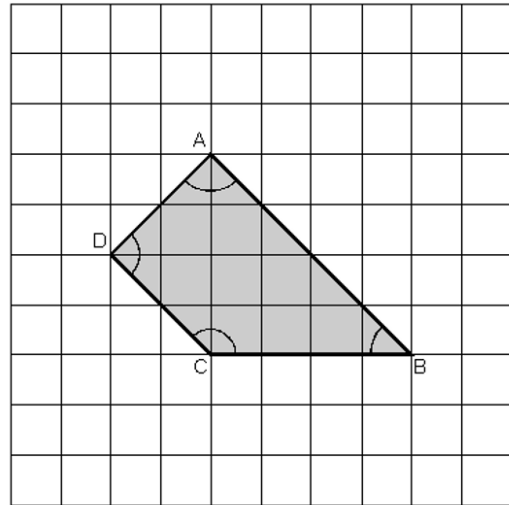
Angle **C** is an **obtuse** angle.

Angle **D** is an **acute** angle.

Line **AD** is **parallel** to line **BC**.

Line **AB** is **perpendicular** to line **AD**.

Complete this table to show the numbers rounded to the **nearest 100**.

One has been done for you.

	rounded to the nearest hundred
316	300
3162	
31628	
316281	

Ann and I emptied our purses onto the table. Altogether we had £7.86 .
If I started with £4.21, how much was in Ann's purse?

Rapid reasoning

Complete this table to show the numbers rounded to the **nearest 100**.

One has been done for you.

Here is a shape on a square grid.

For each sentence, put a tick if it is true. Put a cross if it is not true.

	rounded to the nearest hundred
316	300
3162	3200
31628	31600
316281	316300

£3.65

Angle **C** is an **obtuse** angle. ✓

Angle **D** is an **acute** angle. ✗

Line **AD** is **parallel** to line **BC**. ✗

Line **AB** is **perpendicular** to line **AD**. ✓

NEW VALLEY

Join each box to the correct number.

One has been done for you.

30

| 6 × 5 |

32

| half of 98 |

44

| double 4 × 4 |

49
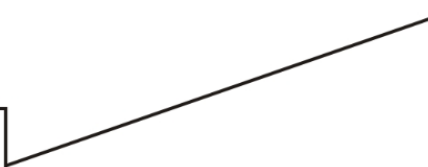
Write the missing numbers to make this **multiplication** grid correct.

×	☐	☐
9	63	54
☐	56	48

Each missing digit in these calculations is **2**, **5** or **7**.

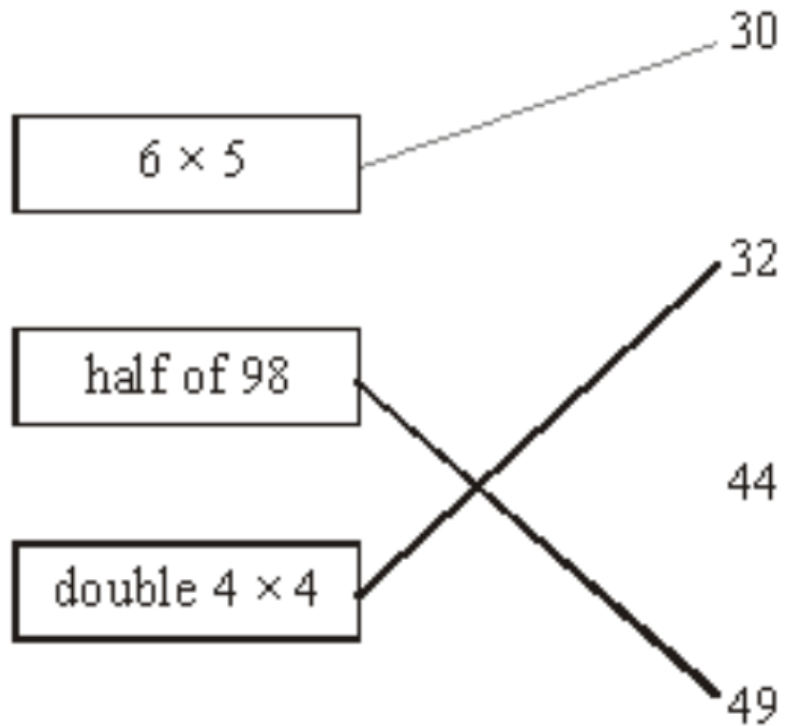Write in the missing digits.

You may use each digit more than once.

☐ + | 1 | 8 | = | ☐ | ☐ |

| ☐ | ☐ | × | 3 | = | ☐ | ☐ |

Three boxes completed correctly as shown:

×	7	6
9	63	54
8	56	48

Two lines drawn as shown:

30

6 × 5

32

half of 98

44

double 4 × 4

49

(a)

7 + 1 8 = 2 5

(b)

2 5 × 3 = 7 5

Two clocks show the same time.

Tick them.

10:45

11:30

11:45
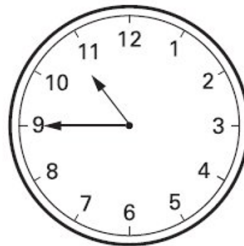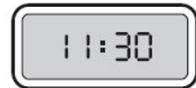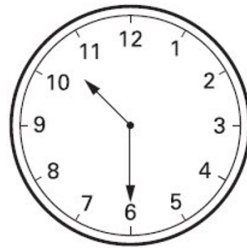
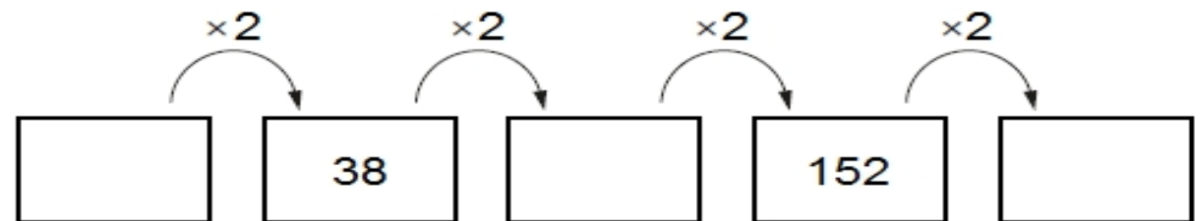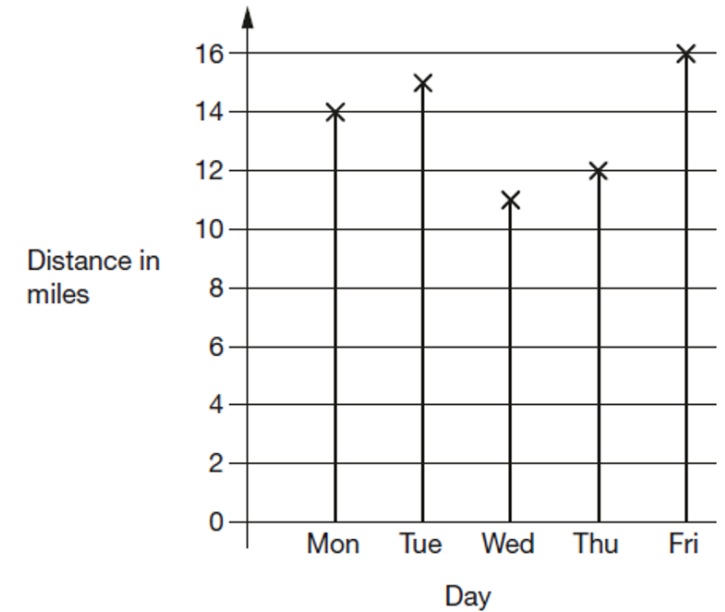Amy went on a cycling holiday.

This chart shows how far she cycled each day.

How much **further** did Amy cycle on Friday than on Wednesday?

How far did Amy cycle **altogether** on the three days she cycled the most?

Distance in miles

Day

Here is a doubling sequence.

Write the three missing numbers.

×2   ×2   ×2   ×2

| | 38 | | 152 | |

NEW VALLEY
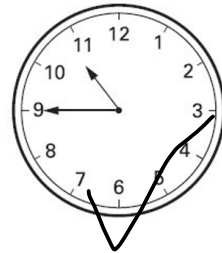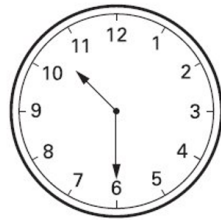
Two clocks show the same time.

Tick them.

Amy went on a cycling holiday.

This chart shows how far she cycled each day.

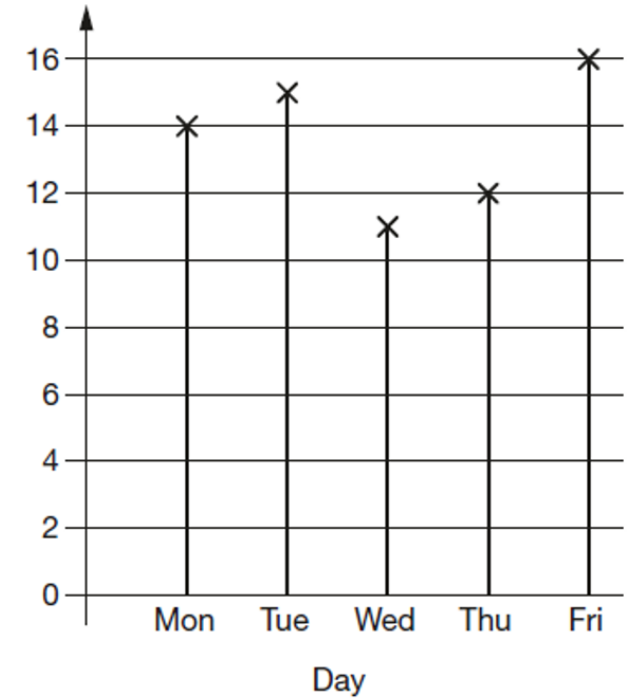**How much further** did Amy cycle on Friday than on Wednesday?

5 miles

How far did Amy cycle **altogether** on the three days she cycled the most?

45 miles

Award **TWO** marks for three numbers correct as shown:

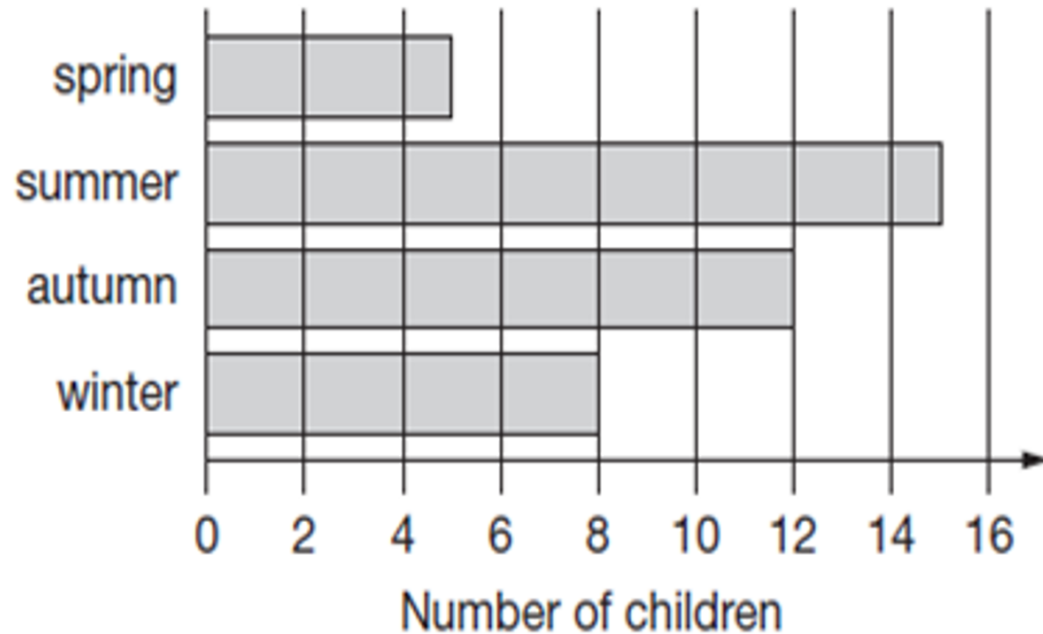| 19 | 38 | 76 | 152 | 304 |

If the answer is incorrect, award **ONE** mark for two numbers correct.

A survey was done to find out children's favourite season.
This chart shows the results.

Calculate 62 x 6 − 277 =

Number of children

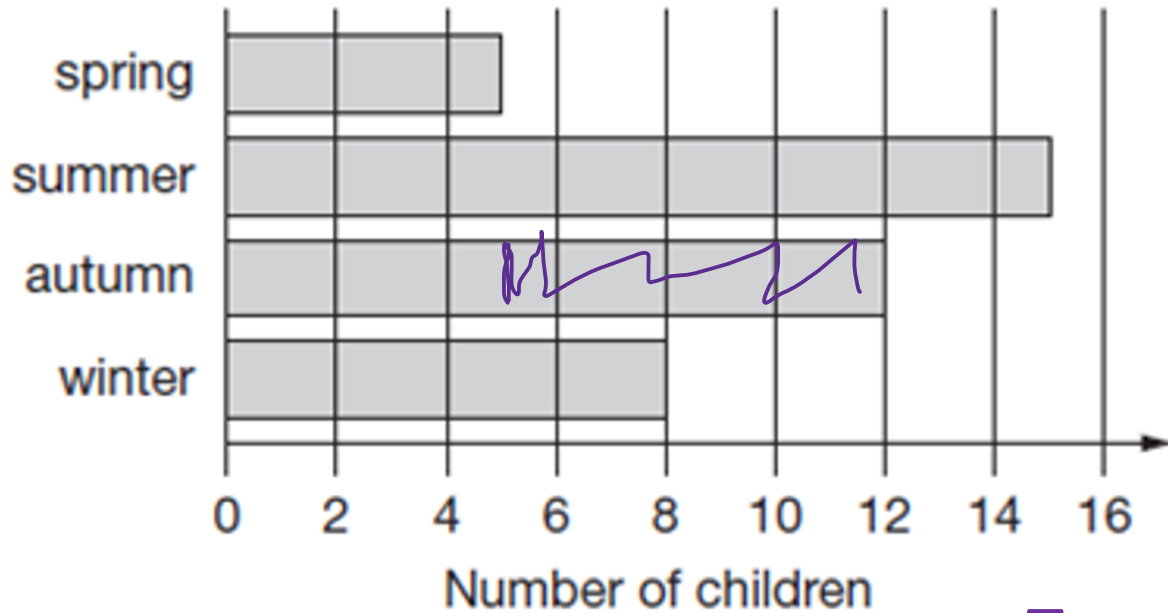Which number is **closest** in value to **0.1**?

0.01   0.05   0.11

0.2   0.9

How many more children chose autumn than chose spring?

A survey was done to find out children's favourite season.
This chart shows the results.

95

Which number is **closest** in value to **0.1**?

0.01   0.05   0.11

0.2   0.9

7

How many more children chose autumn than chose spring?