

Clue 1 Answers

Put Answer true or false to these statements. If there are more false statements than true, the culprit is male.

Statement	True	False
A cuboid has 6 vertices.		✓
$14 \times 20 = 280$	✓	
14:35 is the same as twenty minutes to three.		✓
$\frac{4}{10}$ of 150 is 60.	✓	
A square-based pyramid has four flat surfaces.		✓
$\frac{3}{4}$ of 300 is 215.		✓
There are 315 minutes in $5\frac{1}{4}$ hours.	✓	
There are 75 twenty pence coins in £15.	✓	
$1289 - 369 = 910$		✓
Three years is equal to 146 weeks.		✓
$\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$	✓	
$81 \div 9 = 8$		✓
4.6 is rounded to 4.		✓
Five lots of fifteen equals seventy-five.	✓	
Six triangles and three squares have thirty sides altogether.	✓	

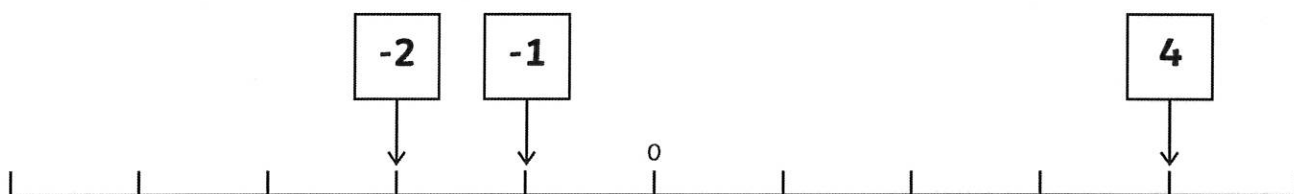
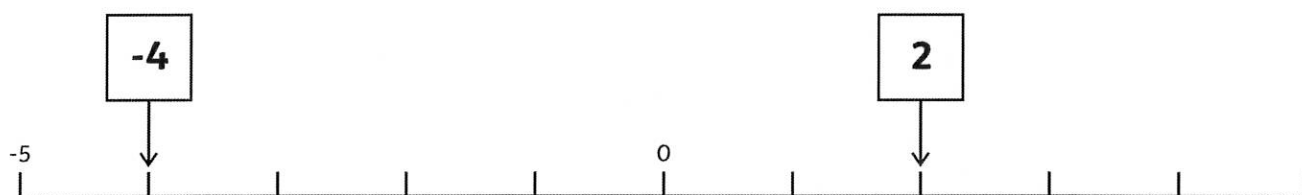
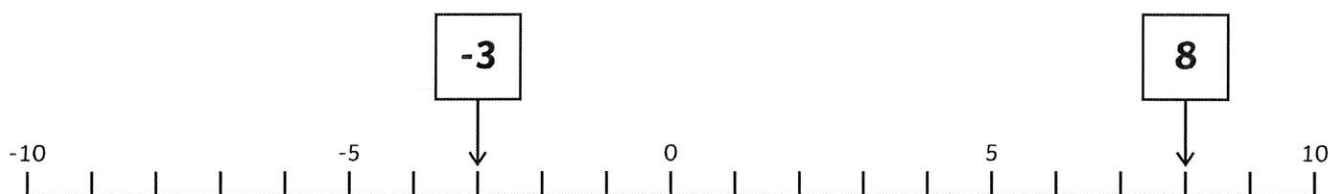
Answer to clue 1:

Circle the correct gender.

The culprit is **(M)** F

Clue 2 Answers

Put the missing numbers on the number lines, then order the words in the table and solve the next clue.



-1 wearing	5 thirteen	-4 cap	1 eleven
9 fourteen	-3 the	-5 hotdog	-2 baseball
2 a	7 footprint	8 was	4 culprit

Answer to clue 2:

The culprit was wearing a baseball cap.

Clue 3 Answers

Work out the change given from £10. Find the answers in the table and rearrange the words to solve the third clue.



Total: £1.52
Change: £8.48



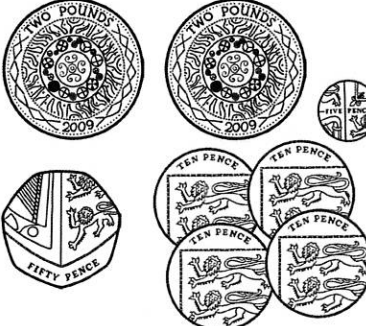
Total: £2.38
Change: £7.62



Total: £6.56
Change: £3.44



Total: £5.46
Change: £4.54



Total: £4.95
Change: £5.05



Total: £1.37
Change: £8.63

£4.54 were	£3.24 hotdog	£7.62 in	£2.10 chips
£7.50 dropped	£8.48 found	£5 taco	£8.63 van
£5.05 crumbs	£7.12 shoe	£3.44 burger	£2.54 wrapper

Answer to clue 3:

Burger crumbs were found in the van.

Clue 4 Answers

Whichever answer is repeated the most, is the age of the ice cream wrecker.

$$260 \div 20 = \boxed{13}$$

$$4121 - 4109 = \boxed{12}$$

$$2190 \div \boxed{10} = 219$$

$\frac{1}{10}$ of 150 =	15
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$\frac{1}{3}$ of 36 =	12
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$108 \div 9 =$	12
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Number of hours in a day, subtract 10 =	14
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$$\begin{array}{r} 121 \\ - 107 \\ \hline \boxed{14} \end{array}$$

$$\begin{array}{r} 1201 \\ - 1186 \\ \hline \boxed{15} \end{array}$$

$1 + 3 + 5 - 7 + 8 + 3 =$	13
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Answer to clue 4:

The ice cream wrecker is 12 years old.

Clue 5 Answers

Fill in the missing equivalent fractions.

Answer true or false to these statements
 Write a name in the box next to the right answer

$$1. \quad \frac{1}{2} = \frac{\boxed{5}}{10} = \frac{\boxed{7}}{14} = \frac{3}{6}$$

$$2. \quad \frac{1}{3} = \frac{\boxed{3}}{9} = \frac{\boxed{6}}{18} = \frac{5}{15}$$

$$3. \quad \frac{1}{4} = \frac{\boxed{2}}{8} = \frac{\boxed{4}}{\boxed{16}}$$

4 five	2 footprint	9 found
3 discovered	8 ice-cream	5 freezer
10 lost	7 by	1 there
6 size	12 culprit	16 ten

Answer to clue 5:

Size ten footprint discovered by freezer.

Have you worked out who melted all the ice creams at the Merryvale Fair?

The person who melted all the ice cream was **Quinn McQueen**.