

Functional Skills Maths Level 2 | Modelled Paper | Non-Calculator 1

1. Work out $700 - 7^2$

$$7^2 = 7 \times 7 = 49$$

$$700 - 49 = 651$$

2. Here is a list of numbers.

29 31 46 43 29 31 38 34 43 35 43

Write down the mode of these numbers.

$$29 = 2$$

$$31 = 2$$

$$46 = 1$$

$$43 = 3$$

$$38 = 1$$

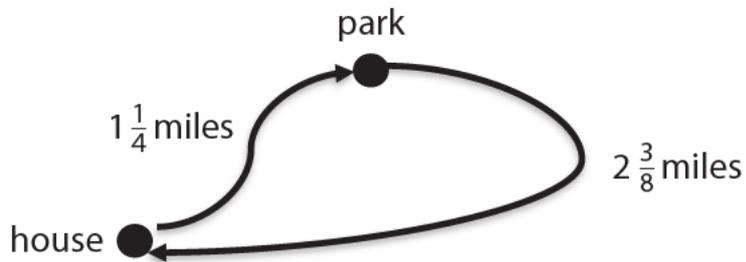
$$34 = 1$$

$$35 = 1$$

43 is the mode

3. Ola will run from her house to a local park and back to her house.

She sees this sketch of the route she will take.



What is the total distance of the route Ola will run?

Give your answer as a mixed number.

You **must** show your working.

$$\frac{1}{4} + \frac{3}{8} = \frac{2+3}{8} = \frac{5}{8}$$

$$1 + 2 = 3$$

$$3 + \frac{5}{8} = 3\frac{5}{8}$$

4a. Saima is making a filling for a cake.

Saima mixes jam, sugar and soft cheese in the ratio 4 : 1 : 16

She uses 32 oz of soft cheese.

Saima knows that 1 oz is 28.3 grams.

How many grams of jam does Saima need?

$$32 \div 16 \times 4 = 8$$

$$8 \times 28.3 = 226.4$$

Needs 226.4g of jam

4b. Use estimation to show a check of your answer.

$$30 \times 8 = 240$$

Functional Skills Maths Level 2 | Shadow Paper | Non-Calculator 1

1. Work out $600 - 8^2$

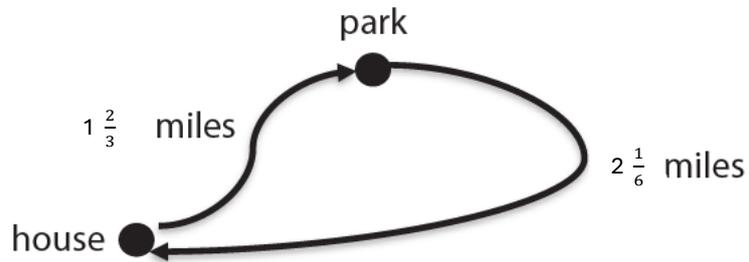
2. Here is a list of numbers.

29 31 46 43 29 31 38 34 43 29 35

Write down the mode of these numbers.

3. Ola will run from her house to a local park and back to her house.

She sees this sketch of the route she will take.



What is the total distance of the route Ola will run?

Give your answer as a mixed number.

You **must** show your working.

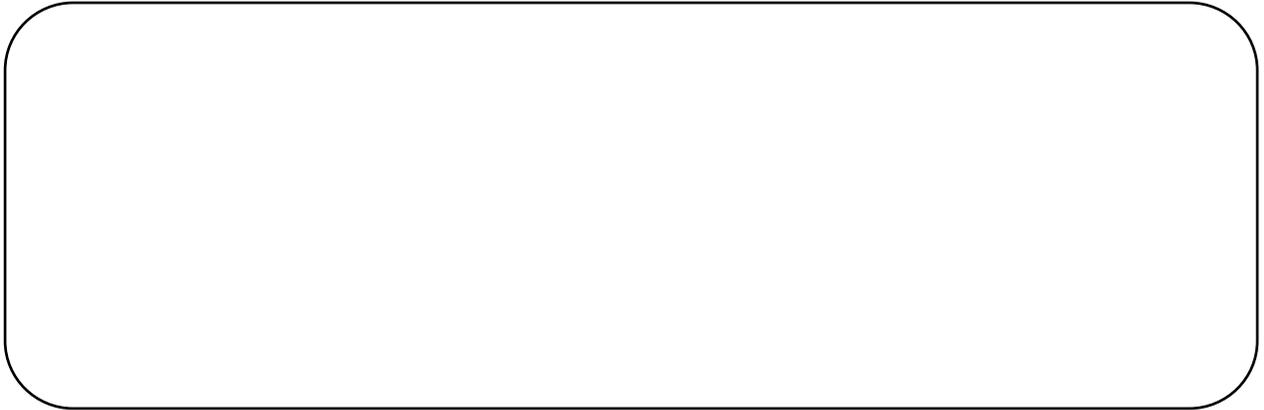
4a. Saima is making a filling for a cake.

Saima mixes jam, sugar and soft cheese in the ratio 4 : 1 : 16

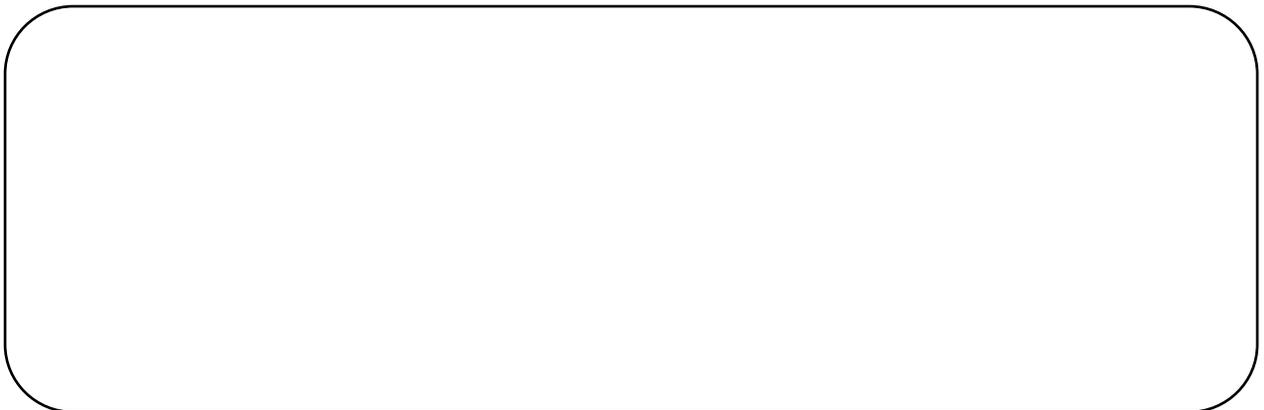
She uses 48 oz of soft cheese.

Saima knows that 1 oz is 28.3 grams.

How many grams of jam does Saima need?



4b. Use estimation to show a check of your answer.



ANSWERS

1. 536

2. 29

3. $3\frac{5}{6}$

4a. 339.6

4b. $30 \times 12 = 360$