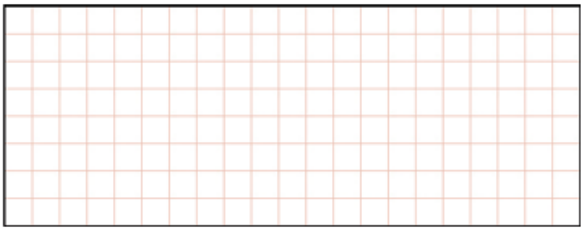
1.

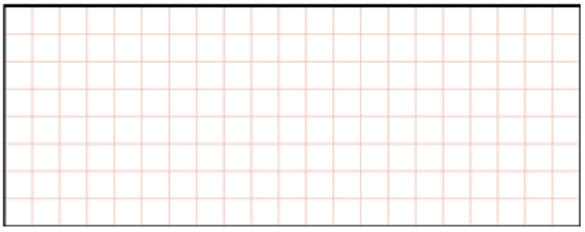
$7{,}549 = 7{,}000 +$ ☐ $+ 40 + 9$



1 mark

2.

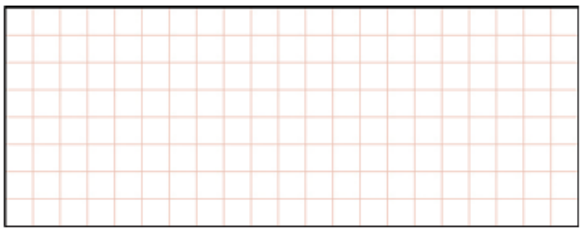
$6{,}020{,}070 = 6{,}000{,}000 +$ ☐ $+ 70$



1 mark

3.

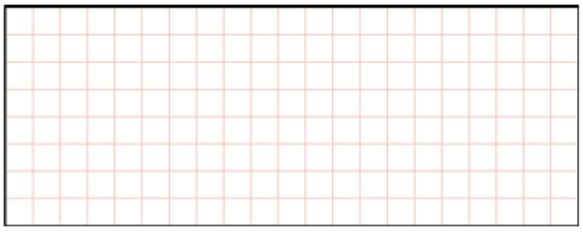
$326.8 \div 10 =$ ☐



1 mark

4.

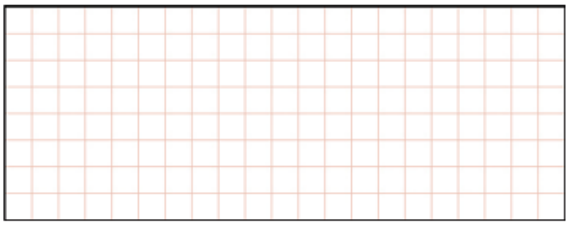
$13.05 \times 1{,}000 =$ ☐



1 mark

5.

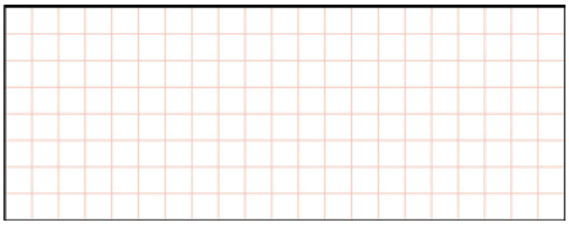
$2{,}671 \div 1{,}000 =$ ☐



1 mark

6.

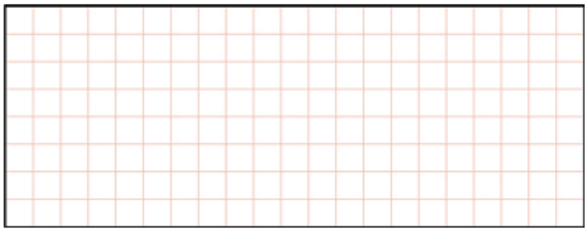
$(5^2 + 3) - 12 \div 4 =$ ☐



1 mark

7.

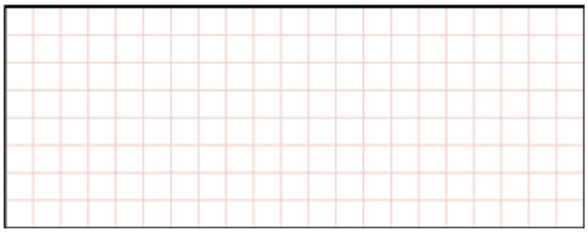
$70 + 48 \div 6 =$ ☐



1 mark

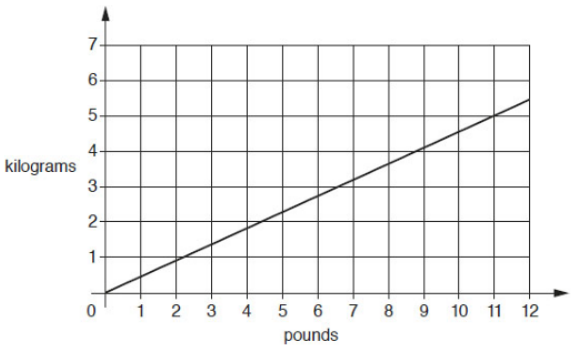
8.

$640 \div 8 =$ ☐



1 mark

1. Here is a graph for converting kilograms and pounds.



Use the graph to convert 5 kilograms to pounds.

pounds

1 mark

Use the graph to convert 7 pounds to the **nearest** kilogram.

kg

1 mark

2. There were 15,961 people at a football game.

Round this number to the nearest hundred.

1 mark

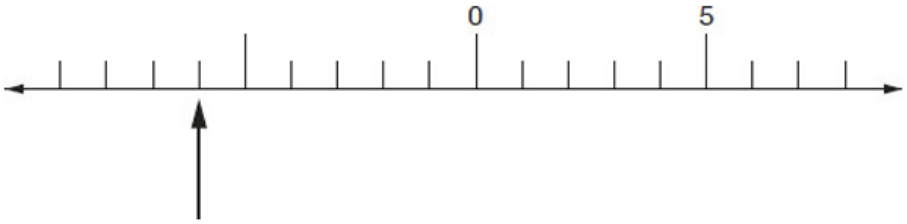
3. The diameter of the Moon is 3,476 kilometres.

What is this diameter to the **nearest hundred** kilometres?

km

1 mark

4. Here is part of a number line.



Write the number that the arrow is pointing to.

1 mark

Write the number that is 16 **less than** 7

1 mark

5. The numbers in this sequence increase by the same amount each time.

Write the missing numbers.

−11		1	7		19

1 mark

6. The temperature in a freezer is −40 °C.

The temperature increases by 10 °C.

What is the new temperature?

°C

1 mark

7. This table shows how many people finished the New York Marathon in each of the first four decades it was held.

New York Marathon	
Decade	**Total number of people who finished**
1st decade	24,863
2nd decade	170,932
3rd decade	282,420
4th decade	350,824

What is the mean number of people who finished the marathon per decade? Round your answer to the **nearest hundred**.

Show your method

people

3 marks