



Y6

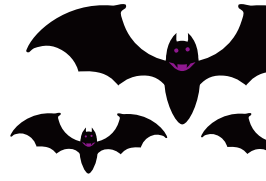
# HALLOWEEN MATHS

10 questions on  
place value and  
calculations

CY0 template  
included



# Halloween Maths



Q1) Fill in the missing digits using the clues:

3, \_ 6 \_ , 4 \_ 3

- The tens digit is the sum of the million and hundred thousand digit.
- When you multiply the thousand digit by any number you always get zero.
- The hundred thousand digit is the only even prime number.

Q2) Match the answer to the correct word.

$$4,099,123 + 1000 =$$

- |   |   |
|---|---|
| a) four million, ten thousand, one hundred and twenty three.    | b) four million and one hundred thousand.                               |
| c) four million, ninety thousand, one hundred and twenty three. | d) four million and one hundred thousand, one hundred and twenty three. |

Q3) A haunted house was a cool  $2^{\circ}\text{C}$ . A witch cast a spell to drop the temperature another  $8^{\circ}\text{C}$ .

What is the temperature now? \_\_\_\_\_  $^{\circ}\text{C}$

Q4) Round each number to the nearest....



- a) 1178.3 to the nearest whole number \_\_\_\_\_
- b) 1173.8 to the nearest ten \_\_\_\_\_
- c) 1171.2 to the nearest hundred \_\_\_\_\_



Fill in the missing digits in each calculation

Q5)

$$\begin{array}{r} 3 \text{ spider } 5.63 \\ + 16 \text{ spider } .5 \text{ spider} \\ \hline 490 \text{ spider } .3 \end{array}$$

Q6

$$\begin{array}{r} 8 \text{ spider } .9 \text{ spider} \\ - 16.65 \\ \hline \text{spider } 7 \text{ spider } .5 \end{array}$$



# Halloween Maths

Calculate using formal written methods:



Q7)  $4325$

$\times 46$

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Q8)  $24 \overline{) 6672}$

Q9)  $\frac{5}{8}$  of 240 =



Q10) Find the fact that is not related to

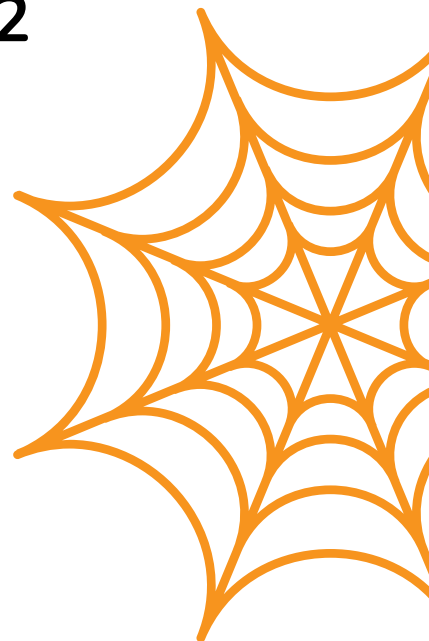
$6 \times 7 = 42$

a)  $0.6 \times 0.7 = 0.42$

b)  $60 \times 7 = 420$

c)  $0.6 \times 70 = 42$

d)  $6 \times 700 = 420$





# ANSWERS

Q1) 3,260,453

Q2)  $4,099,123 + 1000 = 4,100,123$

d) four million and one hundred thousand, one hundred and twenty three.

Q3). -6°C

Q4) a) 1178.3 to the nearest whole number 1178

b) 1173.8 to the nearest ten 1170

c) 1171.2 to the nearest hundred 1200

Q5)

$$\begin{array}{r} 325.63 \\ + 164.50 \\ \hline 490.13 \end{array}$$

Q6)

$$\begin{array}{r} 83.90 \\ - 16.65 \\ \hline 67.25 \end{array}$$



Q7)

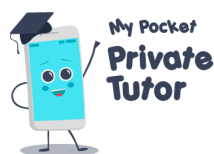
$$\begin{array}{r} 4325 \\ \times 46 \\ \hline 25950 \\ 173000 \\ \hline 198950 \end{array}$$

Q8)

$$\begin{array}{r} 278 \\ 24 \overline{) 6672} \\ \underline{- 48} \phantom{0} \downarrow \\ 187 \\ \underline{- 168} \phantom{0} \downarrow \\ 192 \\ \underline{- 192} \\ 0 \end{array}$$

Q9) 150

Q10) d)  $6 \times 700 = 420$





# Halloween Maths

Design your own maths problems

