ROUNDING AND ESTIMATE: TRUE/FALSE

Are the following statements true/false.

1. **If the statements are false then write the correct answer next to it.**

a) 264 rounds down to 270 ☐

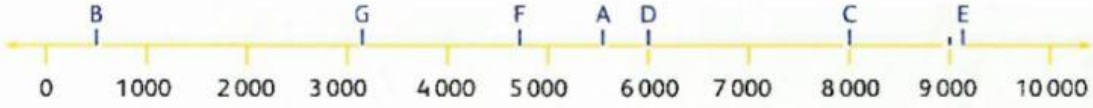
b) 2640 rounds down to 2600 ☐

c) 2640 rounds up to 3000 ☐

d) 2649 and 2551 both round to 2600 ☐

e) 12 649 and 11 551 rounds to 12 000 ☐

2. **Look at the following graph and write A-G. Each of the letters is an answer to one of the questions below. Write down the correct letter next to the correct question number.**



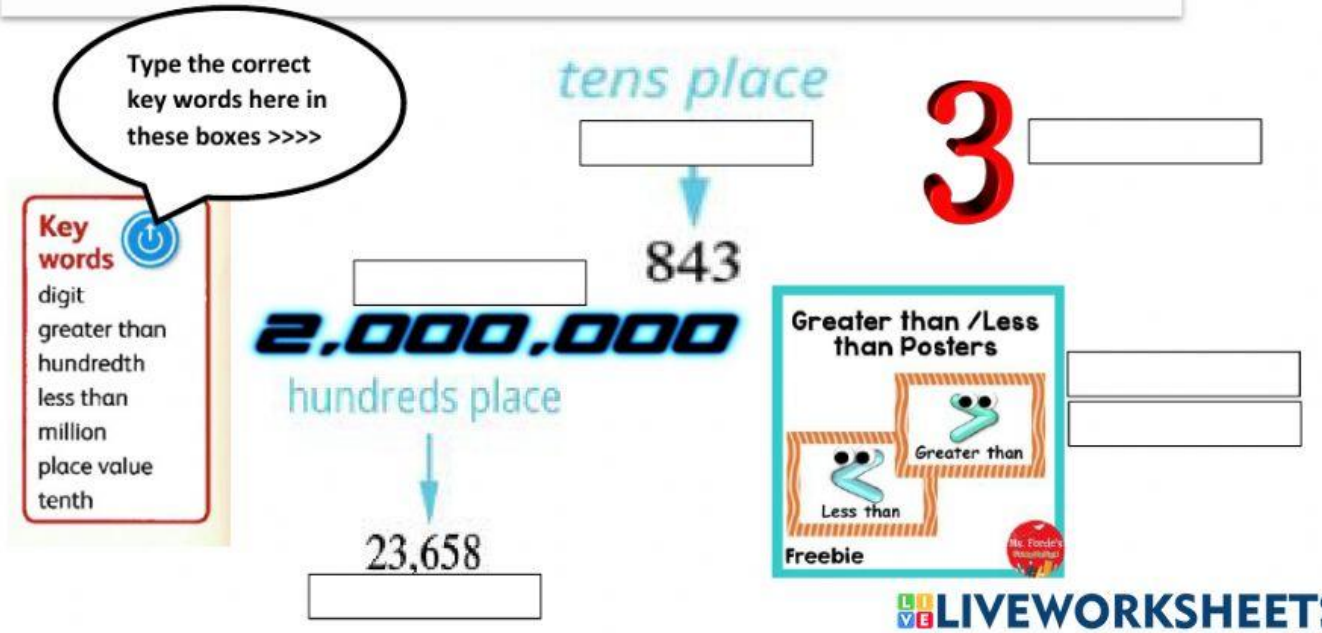
a 6 120 rounded to the nearest 1 000 ☐

b 7 855 rounded to the nearest 1 000 ☐

c The approximate position of 5 555 ☐

d The approximate position of 500 ☐

e Now estimate the position of the remaining letters. ☐



LIVEWORKSHEETS

1 Partition these numbers to show the value of each digit.
The first one has been done for you.

a 6.42 = 6 + 0.4 + 0.02 b 64.25 c 64.05

d 64.52 e 3.01 f 30.15

A Place value and decimals

1 What do the highlighted digits represent in this number?
123456.78

1 Do the following calculations. In each case, choose whether to use a mental method or a written method. For each calculation, explain how you decided what to do. If you choose a mental method, explain what you did.

a 13 + 12 =
b 130 + 120 =
c 501 + 99 =
d 321 − 198 =
e 351 − 176 =
f 33 + 124 + 67 =
g 33 + 124 − 67 =

Answer and method (written or mental)

a) d) g)

b) e)

c) f)

LIVEWORKSHEETS