

ROUND TO ESTIMATE AND APPROXIMATE



GET READY



1) $7,116 - 3,655 =$

2) $51,540 + 5,154 =$

3) Round 84,564 to the nearest 1,000

4) Round 84,564 to the nearest 10,000

1) $7,116 - 3,655 = 3,461$

2) $51,540 + 5,154 = 56,694$

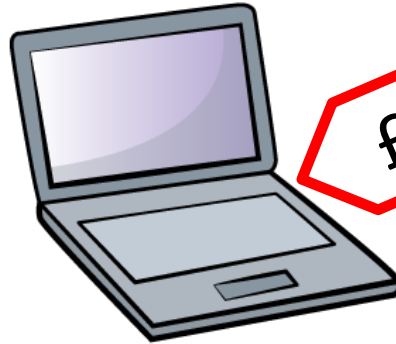
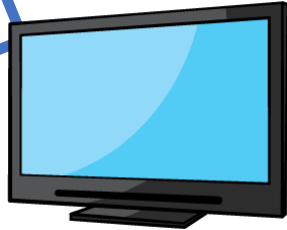
3) Round 84,564 to the nearest 1,000 $85,000$

4) Round 84,564 to the nearest 10,000 $80,000$

LET'S LEARN



£2,138.95



£1,219.40



I rounded £2,138.95 to £2,100

I rounded £1,219.40 to £1,200



£2,100 plus £1,200 is £3,300
so Ron has enough money

An estimate – a sensible but
not exact answer.

$$7,116 - 3,655 =$$

7,116 rounded to the nearest 1,000 is 7,000

3,655 rounded to the nearest 1,000 is 4,000

$$7,000 - 4,000 = 3,000$$

7,116 rounded to the nearest 100 is 7,100

3,655 rounded to the nearest 100 is 3,700

$$7,100 - 3,700 = 3,400$$

Have a think



Which is the more accurate estimate?

	Shop A	Shop B	Shop C
Morning	£4,000	£6,231	£2,002
Afternoon	£11,613	£9,199	£14,508

Estimate which shop made the most money.

Shop C

Shop A: $4,000 + 12,000 = \text{£}16,000$
That's already rounded to the nearest 1,000!

Shop B: $6,000 + 9,000 = \text{£}15,000$



Shop C: $2,000 + 15,000 = \text{£}17,000$

Have a think



Did shop B make more or less than £ 15,000?

More

YOUR TURN


Have a go at questions
1 - 5 on the worksheet



True or false?

$$\begin{array}{r} 6 \\ + 542 \\ \hline \end{array} > \begin{array}{r} 3 \\ + 524 \\ \hline \end{array} + \begin{array}{r} 9 \\ \hline \end{array}$$

True

Have a think 

What's stayed the same?

What's changed?
constant difference

$$\begin{array}{r} 25,501 \\ - 1,000 \\ \hline \end{array} = \begin{array}{r} 25,500 \\ - 999 \\ \hline \end{array}$$

True 1 less Have a think 1 less

What's stayed the same?

What's changed?



YOUR TURN

Have a go at the rest of
the worksheet

