

1 Ordering whole numbers ☐

- a) Write in order, smallest first.
6045 6504 645 6450
- b) Use the digits 3, 0, 7 and 5 once each.
Make the smallest 4 digit number
you can.

2 Ordering decimals ☐

- a) Write in order, smallest first.
0.48 0.408 0.8 0.084
- b) Mo says 0.45 is bigger than 0.5 because
45 is bigger than 5. Is Mo right? Explain.

O	t	h	th

3 Adding and subtracting ☐

- a) Work out $23.6 + 8.75$
- b) Sam has £20. He spends £7.48.
How much has he got left?

T	O	t	h

4 Multiplying decimals ☐

- a) Work out 2.38×6
- b) A floor tile is 0.3 m long and 0.4 m wide.
Work out its area.

5 Dividing decimals ☐

- a) Work out $31.5 \div 7$
- b) A jug holds 2.4 litres of juice.
How many 0.3 litre cups can it fill?

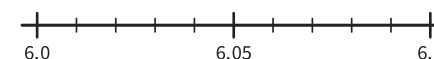
Decimals and rounding

revision mat

Foundation A

6 Rounding to decimal places ☐

- a) Round 6.0473 to 1 decimal place.
- b) Round 2.4962 to 2 decimal places.



7 Significant figures ☐

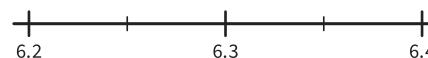
- a) Round 0.04782 to 2 significant figures.
- b) A stadium holds 36 581 people.
Round this to 2 significant figures.

8 Estimation ☐

- a) Estimate the value of 4.87×61.3
- b) Estimate the value of $\frac{38.2 + 11.6}{0.49}$

9 Error intervals ☐

- a) $x = 6.3$ to 1 decimal place.
Write the error interval for x .
- b) A mass, m kg, is 450 kg to the nearest
10 kg. Write the error interval for m .



10 Limits of accuracy ☐

- a) A plank is 2.4 m long to 1
decimal place. Write down its lower
bound and its upper bound.
- b) A bag of flour weighs 500 g to the
nearest 10 g. Could it weigh
494 g? Explain.