



Instructions for Parents

1. Work through these questions with your child at their own pace
2. Allow them to attempt each question independently first
3. Provide hints if needed, but avoid giving the answer directly
4. Use the working space provided for calculations
5. Ask your child to explain their answer to you. Be curious, and ask follow-up questions if warranted.
6. Rate your child's understanding after each question
7. Remember: This is about learning, not perfection!

Question 1

Area by counting square units

Syllabus: AC9M6M02

How many square centimetres (tiles of size 1cm^2) can fit into a rectangle with a length of 8cm and a height of 5cm ?

Working space:

Parent Rating (circle one):

1

Needs Help

2

Struggling

3

Understanding

4

Confident

5

Mastered

Question 2

Percentages of a quantity

Syllabus: AC9M7N06

Find 40% of 250 .

Working space:

Parent Rating (circle one):

1

Needs Help

2

Struggling

3

Understanding

4

Confident

5

Mastered

Question 3

Solving linear equations

Syllabus: AC9M7A03

Solve $\frac{y-4}{3} = 7$ algebraically, then verify by substitution.

Working space:

Parent Rating (circle one):

1

Needs Help

2

Struggling

3

Understanding

4

Confident

5

Mastered

Question 4

Equally likely outcomes

Syllabus: AC9M5P01

When randomly drawing a card from a standard 52 card deck, the probability of drawing a spade is $\frac{1}{4}$. Name another event with the same probability.

Working space:

Parent Rating (circle one):

1

Needs Help

2

Struggling

3

Understanding

4

Confident

5

Mastered

Question 5

Prime factors, HCF and LCM

Syllabus: AC9M5N10

Write both 6 and 10 as a product of prime factors. Find the highest common factor of 6 and 10 and the lowest common multiple of 6 and 10 .

Working space:

Parent Rating (circle one):

1

Needs Help

2

Struggling

3

Understanding

4

Confident

5

Mastered