

Starter activity 7

Resources

For each pair of children: paper, a pencil, three dice.

Objective

Estimate by approximating (round to the nearest 10 or 100), then check the result.

Strategies

- The children work in mixed-ability pairs.

Estimating answers

Each pair roll their three dice to produce three digits, write them down and arrange them as a $TU \times U$ calculation to produce an answer that can be rounded to the given multiple of 100. For example:

5, 4 and 3 $\rightarrow 43 \times 5 = 215$, which rounds to 200

If they succeed, they score a point. The first pair to reach 4 points win. Encourage the children to explain any strategies they have developed. The game can then start over again.

1. 200

7. 400

2. 100

8. 200

3. 200

9. 100

4. 300

10. 300

5. 100

11. 100

6. 200

12. 200