

31. How to use brackets and indices in calculations



Practice Questions:

1. Evaluate: $(7 + 3)^2$

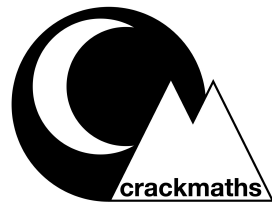
2. Simplify: $4^2 + 5^3$

3. Solve: $2 \times (3 + 5) - 4$

4. Evaluate: $(9 - 2)^3$

5. Simplify: $2 \times (4^2 - 3)$

31. How to use brackets and indices in calculations



Practice Questions:

6. Solve: $(6 + 2)^2 - 5 \times (4 - 1)$

7. Evaluate: $8 - 2 \times (2 + 3)^2$

8. Simplify: $1^2 + 2^3 + 3^4$

9. Solve: $2 \times (5^2 - 3) + (4 - 1)^2$

10. Evaluate: $(6 - 1)^3 - 2 \times (4 + 3)$

31. How to use brackets and indices in calculations



Practice Questions: **Answers**

1. Evaluate: $(7 + 3)^2$

1. 100

2. Simplify: $4^2 + 5^3$

2. 141

3. Solve: $2 \times (3 + 5) - 4$

3. 12

4. Evaluate: $(9 - 2)^3$

4. 343

5. Simplify: $2 \times (4^2 - 3)$

5. 26

6. Solve: $(6 + 2)^2 - 5 \times (4 - 1)$

6. 49

7. Evaluate: $8 - 2 \times (2 + 3)^2$

7. -42

8. Simplify: $1^2 + 2^3 + 3^4$

8. 90

9. Solve: $2 \times (5^2 - 3) + (4 - 1)^2$

9. 53

10. Evaluate: $(6 - 1)^3 - 2 \times (4 + 3)$

10. 111