JRA Tutors
Private tuition and small online Study Pods

Fractions

Grade 3 topic · Foundation and Higher · Edexcel and AQA

How to use this pack
20 questions that get harder as you go. Foundation students: aim for Questions 1–15 (45 marks) and have a go at the rest. Higher students: complete all 20. Show your working on the lines and write your final answer on the answer line, then mark yourself with the answers at the back. Diagrams are not drawn accurately. Total: 65 marks.

Warm-up

1 Work out 5/6 + 2/3. Give your answer in its simplest form. **[2 marks]**

Answer _____

2 Work out 3/8 − 3/10. **[2 marks]**

Answer _____

3 Work out 2/5 + 1/4. Give your answer in its simplest form. **[2 marks]**

Answer _____

4 Work out 3/5 − 2/9. **[2 marks]**

Answer _____

5 Work out 2/5 + 1/3. Give your answer in its simplest form. **[2 marks]**

Answer _____

Core

6 Work out 5/6 ÷ 3/10. Give your answer in its simplest form. **[3 marks]**

Answer _____

7 Work out 3/8 × 1/4. Give your answer in its simplest form. **[3 marks]**

Answer _____

8 Work out 1/3 ÷ 3/10. Give your answer in its simplest form. **[3 marks]**

Answer _____

9 Work out 1/4 × 5/8. Give your answer in its simplest form. **[3 marks]**

Answer _____

10 Work out 1/3 ÷ 2/9. Give your answer in its simplest form. **[3 marks]**

Answer _____

Stretch

11 Work out 3 3/5 + 3 1/4. **[4 marks]**

Answer _____

12 Work out 1 3/5 − 1/3. **[4 marks]**

Answer _____

13 Work out 1 1/4 × 2 2/9. **[4 marks]**

Answer _____

14 Work out 1 2/3 ÷ 3 1/4. **[4 marks]**

Answer _____

15 Work out 3 3/5 + 1 5/8 − 1. **[4 marks]**

Answer _____

Challenge

16 Sam spends 3/8 of his money on a book and 1/6 on lunch. What fraction of his money is left? **[4 marks]**

Answer _____

17 A recipe needs 2/5 of a cup of sugar. How much sugar is needed for 6 batches? **[4 marks]**

Answer _____

18 2/3 of a pizza is shared equally between 3 people. What fraction of the whole pizza does each person get? **[4 marks]**

Answer _____

19 A tank is 1/6 full. 5/8 of the tank's capacity is then poured out. What fraction of the tank is now full? **[4 marks]**

Answer _____

20 Work out (1/3 + 1/4) ÷ 2. **[4 marks]**

Answer _____