

1

What is half of 40?

$$\frac{1}{2} \text{ of } 40 = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

.

■ Hint: Divide by 2



2

What is three quarters of 40?

$$\frac{3}{4} \text{ of } 40 = \underline{\hspace{2cm}}?$$

My answer:

Working out space:

.

■ Hint: Divide by 4, then multiply by 3



3

Which fraction is the biggest?

$\frac{1}{2}$, ■, $\frac{3}{4}$, ■

My answer:

Working out space:

•
 •
 •
 •

■ Hint: Convert them all to the same denominator



4

Add the fractions:

$$\frac{1}{2} + \frac{1}{4} = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

•
 •
 •
 •

■ Hint: Make the denominators the same first



5

What is two thirds of 30?

■ of 30 = ____?

My answer:

Working out space:

.

■ Hint: Divide by 3, then multiply by 2



6

Write 0.5 as a fraction:

$$0.5 = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

•
 •
 •
 •

■ Hint: 0.5 means 5 out of 10 — can you simplify?



Add the fractions:

3/5 + 1/5 = __?

My answer:

Working out space:

■ Hint: Same denominator — just add the tops



8

What fraction of 20 is 15?

15 out of 20 = ____?

My answer:

Working out space:

.

■ Hint: Put 15 over 20 and simplify



9

Subtract the fractions:

$$\frac{3}{4} - \frac{1}{4} = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

.

■ Hint: Same denominator — subtract the tops



10

Which is equivalent to $\frac{2}{3}$?

4/9, 6/9, 4/6, 3/4

My answer:

Working out space:

■ **Hint:** Multiply top and bottom by the same number



11

Write $\frac{3}{4}$ as a decimal:

$$\frac{3}{4} = \underline{\quad}?$$

My answer:

Working out space:

•
 •
 •
 •

■ Hint: Divide 3 by 4



12

Simplify this fraction:

$$12/16 = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

•
 •
 •
 •

■ Hint: Divide both by the same number



13

Add the fractions:

$$\frac{1}{3} + \frac{1}{6} = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

•
 •
 •
 •

■ Hint: Change $\frac{1}{3}$ so both have the same denominator



14

What is $\frac{1}{5}$ of 45?

$\frac{1}{5}$ of 45 = ____?

My answer:

Working out space:

.....

■ Hint: Divide by 5



15

Order from smallest to biggest:

$\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{5}$, ■

My answer:

Working out space:

.

■ Hint: Convert to decimals to compare



16

What is ■ of 50?

■ of 50 = ____?

My answer:

Working out space:

.

■ Hint: Divide by 5, then multiply by 2



17

Subtract the fractions:

$$\frac{5}{6} - \frac{1}{3} = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

•
 •
 •
 •

■ Hint: Make the denominators the same first



18

Write 0.75 as a fraction:

0.75 = ____?

My answer:

Working out space:

•
 •
 •
 •

■ Hint: 0.75 = 75/100 — can you simplify?



19

Add these fractions:

$$\frac{2}{5} + \frac{3}{10} = \underline{\hspace{1cm}}?$$

My answer:

Working out space:

•
 •
 •
 •

■ Hint: Change $\frac{2}{5}$ so both denominators match



20

Final challenge!

**A pizza is cut into 8 slices.
You eat 3. What fraction is left?**

My answer:

Working out space:

•
•
•
• •

■ Hint: Subtract from the whole



Answer Key — Fractions

For parent / teacher use only

Answers will vary — check working and reasoning, not just final answers.

Q1. $\frac{1}{2}$ of 40 = ___?

Q2. $\frac{3}{4}$ of 40 = ___?

Q3. $\frac{1}{2}$, ■, $\frac{3}{4}$, ■

Q4. $\frac{1}{2} + \frac{1}{4} = \underline{\hspace{1cm}}$?

Q5. ■ of 30 = ___?

Q6. 0.5 = ___?

Q7. $\frac{3}{5} + \frac{1}{5} = \underline{\hspace{1cm}}$?

Q8. 15 out of 20 = ___?

Q9. $\frac{3}{4} - \frac{1}{4} = \underline{\hspace{1cm}}$?

Q10. $\frac{4}{9}$, $\frac{6}{9}$, $\frac{4}{6}$, $\frac{3}{4}$

Q11. $\frac{3}{4} = \underline{\hspace{1cm}}$?

Q12. $\frac{12}{16} = \underline{\hspace{1cm}}$?

Q13. $\frac{1}{3} + \frac{1}{6} = \underline{\hspace{1cm}}$?

Q14. $\frac{1}{5}$ of 45 = ___?

Q15. $\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{5}$, ■

Q16. ■ of 50 = ___?

Q17. $\frac{5}{6} - \frac{1}{3} = \underline{\hspace{1cm}}$?

Q18. 0.75 = ___?

Q19. $\frac{2}{5} + \frac{3}{10} = \underline{\hspace{1cm}}$?

Q20. A pizza is cut into 8 slices.