



Year 4 Worksheet 4: Fractions and Decimals

Level: Beginner

1. Shade $\frac{1}{4}$ of a rectangle.
2. What is $\frac{1}{2}$ of 20?
3. Circle the equivalent fraction of $\frac{2}{4}$.
4. Write $\frac{3}{10}$ as a decimal.
5. What is $0.1 + 0.2$?
6. Fill in: $\frac{1}{2} = \frac{\quad}{4}$
7. Colour $\frac{3}{5}$ of a set of stars.
8. What is $\frac{1}{10}$ of 100?
9. Order from smallest to largest: $\frac{1}{4}$, $\frac{1}{2}$, $\frac{1}{3}$.
10. Match: 0.5 to $\frac{1}{2}$, 0.25 to $\frac{1}{4}$, 0.75 to $\frac{3}{4}$.

[Use the space below to work out your answers. Show all your working.]



Year 4 Worksheet 4: Fractions and Decimals

Level: Intermediate

1. What is $\frac{3}{4}$ of 20?
2. Add: $\frac{1}{4} + \frac{1}{4}$
3. Subtract: $\frac{3}{4} - \frac{1}{4}$
4. Write $\frac{5}{10}$ as a decimal.
5. Find equivalent fractions for $\frac{2}{3}$.
6. Order: $\frac{3}{10}$, $\frac{1}{2}$, $\frac{2}{5}$.
7. What is $0.7 + 0.2$?
8. What fraction is shaded in a diagram of 8 parts, 5 shaded?
9. Fill in the blank: $0.6 = \frac{\quad}{10}$
10. Solve: $\frac{2}{5}$ of 50 = ?

[Use the space below to work out your answers. Show all your working.]



Year 4 Worksheet 4: Fractions and Decimals

Level: Difficult

1. Write three equivalent fractions for $\frac{4}{8}$.
2. Convert: $\frac{3}{10}$ to decimal.
3. Add: $\frac{2}{5} + \frac{1}{5} = ?$
4. Subtract: $\frac{3}{4} - \frac{2}{4} = ?$
5. Write $\frac{6}{10}$ in its simplest form.
6. Compare using $>$ or $<$: $\frac{2}{3}$ ___ $\frac{3}{5}$.
7. Multiply: $\frac{1}{4}$ of 80
8. Solve: $0.3 + 0.45 = ?$
9. Round 0.78 to the nearest tenth.
10. Write a word problem for $\frac{2}{3}$ of 60.

[Use the space below to work out your answers. Show all your working.]



Year 4 Worksheet 4: Fractions and Decimals

Level: Super Challenging

1. Find a number where $\frac{3}{4}$ of it is 45.
2. Solve: $0.25 + \frac{1}{4} + 0.5 = ?$
3. A rectangle is $\frac{3}{5}$ shaded. What fraction is not shaded?
4. Which is larger: $\frac{5}{8}$ or 0.6?
5. Convert between fractions and decimals: $0.2 = \frac{\quad}{5}$.
6. Find the missing: $\frac{\quad}{10} + \frac{3}{10} = 1$
7. Write and solve a real-life problem involving $\frac{3}{10}$.
8. What is $\frac{2}{5}$ of 90?
9. Simplify: $\frac{8}{12}$
10. Order: 0.25, $\frac{1}{5}$, 0.2, $\frac{2}{5}$

[Use the space below to work out your answers. Show all your working.]