



Year 3 Worksheet 4: Fractions and Decimals

Level: Beginner

1. Shade $\frac{1}{2}$ of the shape.
2. Colour $\frac{1}{4}$ of 8 stars.
3. What is $\frac{1}{3}$ of 9?
4. Circle the fraction: $\frac{1}{2}$, 3, 8
5. Match shapes to their fractions.
6. Write $\frac{1}{2}$, $\frac{1}{4}$, and $\frac{1}{3}$.
7. Which is bigger: $\frac{1}{2}$ or $\frac{1}{4}$?
8. Colour $\frac{2}{4}$ of a square.
9. What fraction of 10 is 5?
10. Write $\frac{1}{10}$ as a decimal.

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



Year 3 Worksheet 4: Fractions and Decimals

Level: Intermediate

1. What is $\frac{1}{5}$ of 20?
2. Order: $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$
3. Write 0.1 as a fraction.
4. Shade $\frac{3}{4}$ of a rectangle.
5. What is $\frac{2}{3}$ of 15?
6. Match fractions to shapes.
7. Write $\frac{2}{10}$ as a decimal.
8. Circle all halves and quarters.
9. Compare using $<$ or $>$: $\frac{1}{3}$ ___ $\frac{1}{2}$
10. What is the equivalent of $\frac{2}{4}$?

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



Year 3 Worksheet 4: Fractions and Decimals

Level: Difficult

1. Shade $\frac{5}{8}$ of a shape.
2. Find $\frac{3}{4}$ of 24.
3. Write fractions for a group of 12 objects.
4. What is 0.5 as a fraction?
5. Order: $\frac{3}{10}$, $\frac{1}{2}$, $\frac{1}{4}$
6. Add: $\frac{1}{4} + \frac{2}{4} = ?$
7. What is $\frac{1}{10}$ of 90?
8. Circle fractions equal to 0.5
9. Find $\frac{1}{3}$ of 21.
10. Match decimal to fraction: $0.25 = ?$

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



Year 3 Worksheet 4: Fractions and Decimals

Level: Super Challenging

1. Compare: $\frac{3}{5}$ or $\frac{4}{6}$ ' which is more?
2. What is $\frac{7}{10}$ of 70?
3. A shape is split into 10 parts. 6 are shaded. Write the fraction and decimal.
4. Explain why $\frac{2}{4} = \frac{1}{2}$.
5. Add: $\frac{1}{10} + \frac{3}{10}$
6. What is $\frac{3}{4}$ of 40?
7. Use a bar model to show $\frac{3}{8}$ of 32.
8. Solve: $\frac{2}{3}$ of 18 + $\frac{1}{3}$ of 12
9. Match: 0.5, 0.25, 0.75 to $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$
10. True or false: $0.3 > \frac{1}{2}$

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