

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

1. Simplify the fraction $\frac{8}{12}$.
2. Convert $\frac{7}{10}$ to a decimal.
3. Convert 0.45 to a fraction in simplest form.
4. Which is greater: $\frac{3}{4}$ or 0.7?
5. Add: $\frac{3}{8} + \frac{5}{8}$.
6. Subtract: $\frac{5}{6} - \frac{1}{3}$.
7. Add: $0.65 + 0.2$.
8. Subtract: $1.00 - 0.37$.
9. Multiply: $(\frac{3}{5}) \times 15$.
10. Multiply: 0.4×50 .
11. Convert the mixed number $2\frac{1}{2}$ to an improper fraction.
12. Convert the improper fraction $\frac{7}{4}$ to a mixed number.
13. Order from least to greatest: $\frac{2}{5}$, 0.6, $\frac{3}{10}$.
14. Round 0.378 to the nearest tenth.
15. Round 0.378 to the nearest hundredth.
16. What fraction of 24 is 6?
17. Find $\frac{2}{3}$ of 18.
18. A ribbon is 1.2 meters long and is cut into 3 equal pieces. How long is each piece?
19. A recipe needs 0.75 cup of sugar. If you double the recipe, how many cups of sugar do you need?
20. A pizza is cut into 8 equal slices. Anna eats 3 slices and Ben eats 2 slices. What fraction of the pizza is left?
21. A jacket costs \$45.50. It is 20% off. How much money is saved (in dollars)?
22. Express 0.125 as a fraction in simplest form.
23. Add: $\frac{3}{4} + \frac{2}{5}$.
24. Subtract: $\frac{7}{10} - \frac{2}{3}$.
25. Convert 0.09 to a fraction.
26. Find the missing numerator: $\frac{4}{9} = ?/27$.
27. A 500 ml bottle is $\frac{2}{5}$ full. How many milliliters are in the bottle?
28. Convert 0.6 to a fraction in simplest form.
29. Add: $0.375 + 0.625$.
30. Subtract: $2.5 - 1.75$.
31. Multiply: $(\frac{2}{3}) \times 9$.
32. Subtract: $\frac{7}{8} - \frac{1}{4}$.



Math Worksheet for 5th Grade Common fractions and decimals

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

33. A class has 30 students. If $\frac{2}{5}$ of them are girls, how many girls are in the class?
34. Convert 45% to a decimal and to a fraction in simplest form.
35. Write $\frac{11}{6}$ as a mixed number.
36. Marcus walked 0.75 km, then 0.45 km. How far did he walk in total?
37. Which is larger: $\frac{5}{12}$ or 0.4?
38. Reduce the fraction $\frac{18}{24}$ to simplest form.
39. A ribbon $\frac{3}{4}$ meter long is cut into pieces each $\frac{1}{8}$ meter long. How many pieces do you get?
40. Convert 3.25 to a fraction (improper fraction).
41. Fill in the blank: $?/20 = 0.35$.
42. Sam ate $\frac{2}{3}$ of a cake and gave away $\frac{1}{6}$ of it. How much of the cake is left?
43. If $\frac{1}{4}$ of a liter of juice costs \$0.35, how much does 1 liter cost?
44. Express 2.75 as an improper fraction.
45. How many centimeters are in 1.35 meters?
46. Compare using $<$, $>$, or $=$: 0.2 _____ $\frac{1}{5}$.
47. Add: $\frac{5}{12} + \frac{1}{3}$.
48. Subtract: $0.95 - 0.275$.
49. What fraction of an hour is 15 minutes?
50. A bag contains 20 marbles. If 0.35 of the marbles are red, how many red marbles are there?