



Fractions & Decimals: Practice Activity

Directions: Read and answer the following questions to assess your knowledge of fractions and decimals.

1. A fraction is apart over a:
a = part
b = _____
2. What is an equivalent fraction to $\frac{1}{2}$?
3. What is an equivalent fraction to $\frac{4}{5}$?
4. What is an equivalent fraction to $\frac{3}{4}$?
5. What is an equivalent fraction to $\frac{12}{48}$?
6. Compare these fractions:
 - a. $\frac{6}{7}$ _____ $\frac{5}{8}$
 - b. $\frac{3}{4}$ _____ $\frac{36}{48}$
 - c. $\frac{2}{3}$ _____ $\frac{8}{80}$
 - d. $\frac{55}{66}$ _____ $\frac{5}{6}$
7. $\frac{14}{20} + \frac{17}{20}$
8. $\frac{7}{21} + \frac{15}{21}$
9. $\frac{90}{99} - \frac{33}{99}$
10. $\frac{10}{45} + \frac{2}{5}$
11. $4 \times \frac{1}{16}$
12. $\frac{3}{1} \div \frac{1}{3}$



13. $0.123 + 1.9$

14. $4.739 - 2.9$

15. $20.2749 + 9.193$

16. 20.1×7.3

17. $103.128 - 82.138$

18. $19.12 \div 2.83$

19. 1209.19×10281.28



Answers

1. A fraction is apart over a:
a = part
b = whole
2. What is an equivalent fraction to $\frac{1}{2}$?
 $\frac{2}{4}$
3. What is an equivalent fraction to $\frac{4}{5}$?
 $\frac{12}{15}$
4. What is an equivalent fraction to $\frac{3}{4}$?
 $\frac{6}{8}$
5. What is an equivalent fraction to $\frac{12}{48}$?
 $\frac{1}{4}$
6. Compare these fractions:
 - a. $\frac{6}{7} > \frac{5}{8}$
 - b. $\frac{3}{4} = \frac{36}{48}$
 - c. $\frac{2}{3} > \frac{8}{80}$
 - d. $\frac{55}{66} = \frac{5}{6}$
7. $\frac{14}{20} + \frac{17}{20} = \frac{31}{20}$ or $1 + \frac{11}{20}$
8. $\frac{7}{21} + \frac{15}{21} = \frac{22}{21}$ or $1 + \frac{1}{21}$
9. $\frac{90}{99} - \frac{33}{99} = \frac{57}{99}$ can simplify to $\frac{19}{33}$
10. $\frac{10}{45} + \frac{7}{45} = \frac{17}{45}$
11. $4 \times \frac{1}{16} = \frac{1}{4}$
12. $\frac{3}{1} \div \frac{1}{3} = 9$
13. $0.123 + 1.9 = 2.023$
14. $4.739 - 2.9 = 1.839$



$$15. 20.2749 + 9.193 = 29.4679$$

$$16. 20.1 \times 7.3 = 146.73$$

$$17. 103.128 - 82.138 = 20.99$$

$$18. 19.12 \div 2.83 = 6.756183746$$

$$19. 1209.19 \times 10281.28 = 12432020.96$$