

Simplify.

1. $48\left(-\frac{1}{8}\right)\left(-\frac{1}{2}\right)$

3

2. $-54\left(\frac{7}{9}\right)\left(-\frac{2}{3}\right)$

3. $-32\left(-\frac{3}{4}\right)\left(\frac{7}{8}\right)$

4. $\left(\frac{3}{4}\right)\left(-\frac{5}{2}\right) \div 60$

5. $\left(\frac{5}{2}\right)\left(-\frac{3}{2}\right) \div 45$

6. $-40\left(-\frac{3}{5}\right)\left(-\frac{3}{4}\right)$

7. $\left(\frac{3}{5}\right)\left(-\frac{8}{7}\right) \div 72$

8. $\left(\frac{6}{7}\right)\left(-\frac{5}{8}\right) \div 45$

9. $48\left(-\frac{5}{8}\right) \div \left(\frac{3}{7}\right)$

10. $-91\left(-\frac{4}{7}\right) \div 92$

Evaluate if $a = 3$, $b = 12$, $c = -5$, $d = -15$ and $e = 4$.

11. $\frac{ab}{c}$

$-\frac{36}{5}$ or $-7\frac{1}{5}$

12. $\frac{de}{b}$

13. $\frac{ac}{d}$

14. $\frac{ce}{b}$

15. $\frac{bc}{a} + \frac{de}{c}$

16. $\frac{ad}{c} + \frac{ae}{b}$

17. $\frac{b}{ae} - \frac{d}{ac}$

18. $\frac{bc}{d} - \frac{be}{a}$

19. $\frac{ab}{de} \div \frac{bc}{ae}$

20. $\frac{cd}{ac} \div \frac{be}{ac}$

21. $\frac{c}{de} \cdot \frac{a}{bc}$

22. $\frac{b}{ac} \cdot \frac{c}{de}$

23. $\frac{c}{ba} \div \frac{d}{ae} + \frac{a}{c}$

24. $\frac{c}{de} \div \frac{c}{be} + \frac{a}{e}$

25. $\frac{ac}{7} \cdot \frac{14}{2d} - \frac{a}{e}$

26. $\frac{20}{ae} \cdot \frac{45}{ce} - \frac{c}{3}$

Simplify.

1. $30\left(-\frac{1}{3}\right)\left(-\frac{1}{2}\right)$

5

2. $-72\left(\frac{3}{4}\right)\left(-\frac{5}{6}\right)$

3. $-56\left(-\frac{3}{4}\right)\left(\frac{3}{7}\right)$

4. $\left(\frac{5}{8}\right)\left(-\frac{3}{4}\right) \div 30$

5. $\left(\frac{7}{2}\right)\left(-\frac{3}{5}\right) \div 42$

6. $-49\left(-\frac{3}{7}\right)\left(-\frac{2}{3}\right)$

7. $\left(\frac{5}{8}\right)\left(-\frac{4}{3}\right) \div 40$

8. $\left(\frac{5}{7}\right)\left(-\frac{5}{8}\right) \div 25$

9. $10\left(-\frac{3}{4}\right) \div \left(\frac{3}{8}\right)$

10. $-87\left(-\frac{4}{9}\right) \div 42$

Evaluate if $a = 6$, $b = 16$, $c = -4$, $d = -12$ and $e = -5$.

11. $\frac{ad}{c}$

18

12. $\frac{ad}{b}$

13. $\frac{bc}{d}$

14. $\frac{cb}{d}$

15. $\frac{ba}{c} + \frac{ae}{d}$

16. $\frac{ac}{d} + \frac{be}{c}$

17. $\frac{d}{ab} - \frac{a}{b}$

18. $\frac{be}{c} - \frac{ab}{d}$

19. $\frac{bc}{ce} \div \frac{ac}{ae}$

20. $\frac{ad}{ac} \div \frac{ab}{ce}$

21. $\frac{a}{de} \cdot \frac{c}{be}$

22. $\frac{d}{bc} \cdot \frac{ce}{a}$

23. $\frac{d}{ce} \div \frac{a}{be} + \frac{a}{c}$

24. $\frac{a}{bc} \div \frac{c}{ba} + \frac{a}{e}$

25. $\frac{bc}{9} \cdot \frac{18}{2d} - \frac{c}{a}$

26. $\frac{22}{be} \cdot \frac{15}{11a} - \frac{3}{c}$
