

Arithmetic Review 1

Simplify:

1. $-15 - (-6)$

2. $-3 * -7$

3. $|7 - 9|$

4. $16 \div (-4) * 2 - 6$

5. $(\sqrt{49} * 6 - 3 * \sqrt{16}) \div 10$

6. $17^0 =$

7. $2\sqrt{18} + \sqrt{8} - 3\sqrt{50}$

Solve

8. $\frac{1}{15} + \frac{2}{3} =$

9. $\frac{2}{9} + \frac{5}{27} =$

10. $\frac{2}{9} + \frac{3}{5} =$

11. $\frac{1}{2} - \frac{1}{3} =$

Solve

12. $5.63 (2.1) =$

13. $3.84 (2.8) =$

14. $9 \div \frac{1}{3} =$

15. $27 \div \frac{2}{9} =$

Solve:

16. $5\frac{1}{2} + \frac{1}{3} =$

17. $9\frac{1}{4} + \frac{1}{8} =$

18. $\frac{5}{9} \cdot 3\frac{1}{4} =$

19. $\frac{4}{7} \cdot 1\frac{1}{2} =$

20. $(.39)^2 =$

$$21. (.67)^2 =$$

$$31. \frac{3}{4} = \text{what decimal?}$$

Solve

$$22. \frac{7}{15} + \frac{3}{10} =$$

$$32. \frac{3}{5} = \text{what decimal?}$$

$$23. 7\frac{1}{4} - 2\frac{1}{8} =$$

$$33. \begin{array}{r} 95.02 \\ \times 1.3 \\ \hline \end{array}$$

$$24. 8\frac{1}{6} - 5\frac{1}{9} =$$

$$34. \begin{array}{r} 99.99 \\ \times 4.11 \\ \hline \end{array}$$

$$25. \frac{3 + (-9)}{3 - (-9)} =$$

Solve

$$35. \frac{2}{9} + \frac{1}{3} - \frac{1}{2} =$$

$$26. \frac{5 + (-7)}{5 - (-7)} =$$

$$36. \frac{1}{5} - \frac{1}{3} + \frac{1}{2} =$$

$$27. 8 + .28 =$$

$$37. 0.5 \overline{)1.32}$$

$$28. .3 + .43 =$$

$$38. 0.09 \overline{).564}$$

$$29. \frac{?}{?} = .75$$

$$30. \frac{?}{?} = .15$$

Answers to Arithmetic Review

Check your answers.

If they do not match, try re-working the problem.

Bring your work to the Math Center with specific questions.

1. -9

2. 21

3. 2

4. -14

5. 3

6. 1

7. $-7\sqrt{2}$

8. $\frac{11}{15}$

9. $\frac{11}{27}$

10. $\frac{37}{45}$

11. $\frac{1}{6}$

12. 11.823

13. 10.752

14. 27

15. 121.5

16. $\frac{35}{6}$

17. 9.375 or $\frac{75}{8}$

18. $\frac{65}{36}$

19. $\frac{6}{7}$

20. .1521

21. .4489

22. $\frac{23}{30}$

23. $\frac{41}{8}$

24. $\frac{55}{18}$

25. -5 or $-\frac{1}{2}$

26. $-\frac{1}{6}$

27. 8.28

28. .73

29. $\frac{3}{4}$

30. $\frac{3}{20}$

31. .75

32. .60

33. 123.526

34. 410.9589

35. $\frac{1}{18}$

36. $\frac{11}{30}$

37. 2.64

38. 6.2666667