

016 Practice test 3

Multiply:

1. 2.25×2.5
2. 8.95×10
3. 3.4×0.02
4. 5.5×0.3

Divide:

5. $10 \div 0.5$
6. $1.2 \div 0.6$
7. $4 \div 0.04$
8. $3.14 \div 0.01$

Put the numbers in order from smallest to largest:

9. 8 -3 -5 0 -9
- 10
10. 0.05 .5 5 50
- 0.50 0.500

Put the appropriate symbol $<$ or $>$ or $=$ between the two numbers:

11. 8 12
12. -3 -9
13. 2 2.0
14. -5 -5.2
15. 0.06 .0600

Add:

16. $-2 + (-5)$
17. $-3 + 7$
18. $-2.4 + 2.4$
19. $0 + (-8)$
20. $3 + (-10)$
21. $-3 + (-10)$
22. $5 + (-6) + (-4) + 7$

Subtract:

23. $5 - 12$
24. $-5 - 12$
25. $5 - (-12)$
26. $-5 - (-12)$

27. $-10 - (-10)$

28. $\frac{3}{8} - \frac{5}{8}$

Multiply:

29. -8×2
30. $-5 \times (-3)$
31. $-10 \times (-20)$
32. $(-2) \times (-3) \times (-4)$
33. $5 \times (-2) \times (-5) \times (-1)$
34. $\frac{3}{2} \times \left(-\frac{5}{4}\right)$

Divide:

35. $\frac{-8}{4}$
36. $\frac{-12}{-3}$
37. $\frac{1}{2} \div \left(-\frac{1}{4}\right)$
38. $\frac{15}{-3} \div 5$

39. If you can drive 325 miles on 25 gallons, how many miles per gallon do you get?
40. If you travel 100 miles in an hour and a half what is your average speed (in miles per hour)?
41. If 16 ounces of coffee cost \$6.95 what is the price per ounce?
42. Which is cheaper, 16 ounces of coffee for \$6.95 or 12 ounces for \$5.95?

Solve for the missing variable:

43. $\frac{18}{4} = \frac{x}{10}$
44. $\frac{n}{15} = \frac{10}{30}$
45. $\frac{20}{7} = \frac{80}{x}$