

Entering 8th grade

ARE YOU READY?

✓ Whole Number Operations

Add, subtract, multiply, or divide.

1. $623 - 432$ 2. 8×23
3. $882 \div 14$ 4. $178 + 842$

✓ Add and Subtract Decimals

Add or subtract.

5. $43.21 + 16.8$ 6. $16.3 - 9.11$

✓ Multiply Decimals

Multiply.

7. 2.3×0.6 8. 6.4×3.2

✓ Divide Decimals

Divide.

9. $25.6 \div 8$ 10. $0.84 \div 0.6$

✓ Multiply and Divide Fractions

Multiply or divide. Give your answer in simplest form.

11. $\frac{2}{9} \times \frac{3}{4}$ 12. $\frac{5}{9} \div 5$

✓ Add and Subtract Fractions

Add or subtract. Give your answer in simplest form.

13. $\frac{3}{4} + \frac{5}{12}$ 14. $1\frac{2}{9} - \frac{4}{9}$

✓ Add and Subtract Integers

Add or subtract.

15. $-54 + 35$ 16. $-18 - (-30)$

✓ Multiply and Divide Integers

Multiply or divide.

17. $15(-4)$ 18. $-30 \div (-6)$

✓ Fractions, Decimals, and Percents

Write the equivalent decimal and the equivalent percent.

19. $\frac{4}{25}$ 20. $\frac{9}{8}$

✓ Order of Operations

Evaluate each expression.

21. $12 + 3 \div 3$ 22. $3 + 2 \times 4^2$
23. $4 + 6 \times 10 - 2$ 24. $25 \times (4 + 5)$

✓ Distributive Property

Simplify each expression.

25. $5(12 + g)$ 26. $(r - 6)9$

✓ Rates and Unit Rates

Find each unit rate.

27. \$30 for 8 students
28. 96 packages in 6 days

✓ Connect Words and Algebra

29. Mario has saved \$165. At the end of each week he saves an additional \$15. Write an equation representing the total amount S he has saved at the end of any given week w .