

Grade 8 Summer Math Worksheet

No calculators and you must show all your work on loose-leaf paper. Please put your answers in the answer column and staple the loose-leaf paper to the back.

Evaluate the following:

1.) $69.13 + 810.7 + 809.3$

3.) $681.2 + 62.9 - 633.6$

5.) 0.05×8

7.) 0.0046×0.061

9.) $8.4 \div 0.6$

11.) $5.52 \div 0.012$

13.) $(2 + 1 - 4) \times 3$

15.) $7 \div (12 - 5) \times -6$

17.) $4 \frac{2}{3} + 7 \frac{1}{8}$

19.) $\frac{1}{4} + \frac{2}{5}$

2.) $77.6 + 477.4 - 30.5$

4.) $561.6 - 6.6 + 939.5$

6.) 6.201×4.2

8.) 9.82×0.4

10.) $4.354 \div 0.7$

12.) $0.1722 \div 0.123$

14.) $(26 \times 2) \div (7 - -6)$

16.) $8 [-9 - (-1 + 5)]$

18.) $13 \frac{7}{8} - 7 \frac{1}{2}$

20.) $\frac{5}{12} - \frac{1}{18}$

21.) $\frac{2}{5} \times \frac{5}{2}$

22.) $\frac{9}{10} \times \frac{5}{6}$

23.) $\frac{4}{11} \div \frac{8}{15}$

24.) $\frac{4}{5} \div \frac{8}{8}$

Solve the equations.

25.) $3 + 6x - 12 = 9$

26.) $27 + 8x = 12 + 10x + x$

Evaluate

27.) $x + 6y + z$; use $x = 3$, $y = 2$ and $z = -4$

28.) $x + y - (-4 - 1)$; use $x = 5$, and $y = 1$

Write each fraction as a decimal than a percent.

29.) $\frac{7}{20}$

30.) $\frac{3}{8}$

31.) $\frac{3}{4}$

Solve the following word problems.

32.) What is the perimeter of a rectangular swimming pool that is 11 m long and 7m wide.

33.) Mark has saved \$ 12.39. He spends \$ 6.79 for a new model. How much does he have left?

34.) Airwaves Airlines served 25,536 meals to passengers in 2 weeks. What is the average number of meals per week? If business continues at the same rate, about how many meals will be served in one year?

- 1.) _____
- 2.) _____
- 3.) _____
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