

Exam #2 Review

1

Practice #1

Evaluate the expression when
 $c = 3$ and $y = -6$.
 $-5c + y$

2

Practice #2

Solve for u .

$$3(3u + 5) = 78$$

3

Practice #3

Solve for x.

$$9 - x = 14$$

4

Practice #4

Solve for w.

$$-\frac{5w}{8} = -35$$

5

Practice #5

Distribute and combine like terms to simplify.

$$4(y + 4) - 7y$$

6

Practice #6

Solve for x .

$$\frac{x}{8} - \frac{9}{4} = \frac{-x}{16}$$

7

Practice #7

Last week, Rachel drove n miles. This week, she drove 172 miles. Using n , write an expression for the total number of miles she drove in the two weeks.

8

Practice #8

Last week, Rachel drove n miles. Her average speed is 45 miles per hour. Using n , write an expression for the total number of hours she drove last weeks.

9

Practice #9

Last week, Rachel drove n miles each day during a span of 5 days. Using n , write an expression for the total number of miles she drove last week.

10

Practice #10

Last week, Rachel drove n miles, and her brother drove 50 miles less than her. Using n , write an expression for the total number of miles her brother drove last week.

11

Practice #11

Rachel's tank was three-eighths full at the end of her trip. She added 12 gallons and then the gauge read that it was nine-tenths full. How much does her tank hold?

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