

①. Solve a room measures 16 ft by 19 ft. The ceiling is 9 ft. above the floor. The door is 3 ft. by 7 ft. A gallon of paint will cover 77.8 ft^2 . How many gallons of paint are needed to paint the room (including the ceiling and not including the door). Round your answer up to the next whole number.
* must show work

② combine like terms. $-13.2b + 24.7b$

- A $11.5b$
- B $-11.5b$
- C $11.5b^2$
- D $-37.9b$

③ If a single ~~die~~ die is tossed once, find the probability that a 2 or a 3 is rolled

- A $\frac{1}{6}$
- B $\frac{1}{3}$
- C $\frac{1}{2}$
- D 5

④ A rectangular garden measures 11.4 meters by 45.1 meters. What is its area?

- A 404.14 m^2
- B 514.14 m^2
- C 5141.4 m^2
- D 56.5 m^2

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⑥ Is the ordered pair is a solution of the given problem/equation?

$$\left(-5\frac{1}{2}, 2\right); 11x - 13y = -81$$

⑦. The table below shows the grades of a student for one semester. Find the grade point average. Assume that the grade point values are 4.0 for an A, 3.0 B and so on. Round answer to the nearest tenth.

Grade	number of credit hours in course
A	2
C	6
A	4
A	2
B	4

* must show work

8 Convert from cents to dollars. 85979¢

A 8,597.9

B 859.790

C 85.929

D 859.79

9 Solve. This problem is an equation. Show your work accordingly

$$-3.2x + 14.08 = -4.8$$

10 A house has an assessed value of \$240,500. For each \$1,000 of assessed value, the owner must pay \$10.68 in taxes. How much must the owner pay in taxes? Round to nearest cent.

A \$25,685.40

B \$22,518.73

C \$256.85

D \$2,568.54

11 Solve. This problem is an equation. Be sure to show your work accordingly.

~~5.5 + 4.2 = 3.32~~ $15.5 + 4.2 = 3.32$

12 Find the area of a triangular jacket patch that is 4.5 cm wide and 5.5 cm tall.

A 24.75 cm²

B 49.5 cm²

C 12.375 cm²

D 17.325 cm²

13 Write decimal notation. $-\frac{93}{10}$

A -930

B -9.3

C -0.093

D -0.93

14 Evaluate $0.5h(b+c)$, for $h=3.1$, $b=18$, and $c=15.1$

A 43

B 51.305

C 50.265

D 421.29

15 Simplify $5.6^2 \times [(7-3.6) \div 0.04 + 0.8]$

A 26,906.88

B 2,692.694

C 26,921.44

D 2,690.688