

Must show work  
for Credit

Simplify or solve and match with the answers to the right. **SHOW YOUR WORK OR NO CREDIT!!!**

A.)  $-4(-5)^2$

B.)  $5 + (-2)(-3)^2$

Answer is:

1. -3

D

2. -68

F

3. 5

G

4. -100

A

5. 4

J

6. -42

C

7. 11

E

8. -29

I

9. -13

B

10. 36

H

C.)  $3(-7) - (-7)(-3)$

D.)  $17 - 5(-2)^2$

E.)  $3 + (-4)^2 + (-2)^2(-2)$

F.)  $-16(-4)^2 - 15(-4) + 128$

G.)  $-3(x - 5) = 2(x - 3) - 4$

H.)  $(-12 + 12 \div 6 \cdot 3)^2$

I.)  $5(x - 4) - 38 = 7x$

J.)  $6(x - 1) + 3 = -4(-3x + 2) - 19$

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Solve and match with the answers to the right. **SHOW YOUR WORK.**

A.)  $\frac{4}{15} = \frac{x}{6}$

B.)  $\frac{5}{4} = \frac{3x}{2x+6}$

C.)  $\frac{x-1}{7} = \frac{x+3}{5}$

D.)  $\frac{9x-2}{5} = 14$

E.)  $\frac{x+4}{x-12} = \frac{3}{9}$

F.)  $\frac{2x-5}{5} = \frac{x}{2}$

G.)  $\frac{5}{2} = \frac{4x}{x-12}$

H.)  $\frac{5x-3}{-4} = 7$

I.)  $\frac{2}{x-3} = \frac{-4}{3x+8}$

J.)  $\frac{x}{x-1} = \frac{16}{11}$

Answer is:

1. 15 B

2. -0.4 I

3. -12 E

4. 1.6 A

5. -5 H

6. -20 G

7. 8 D

8. 3.2 J

9. -10 F

10. -13 C

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