

**Do Now**

Write the equation of the line that has a slope of -2 and passes through the point (1, -2).

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**Homework Answers**

1) c

10)  $\frac{-23}{36}$

2) c

11)  $5\frac{1}{49}$

3) b

12)  $\frac{1}{6^3}$

4) b

13) 1

5) c

14)  $\frac{a^7}{b^4}$

6) d

15) 1

7) a

16)  $\frac{32}{x}$

8) b

17)  $\frac{4}{x^2}$

9) c

18)  $16x^{12}$

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- Polynomial Operations

- > Addition (Combine Like Terms)
- > Subtraction (Distribute -1 then Add)
- > Multiplication
  - Monomial x Monomial
  - Monomial x Polynomial (Distributive)
  - Polynomial x Polynomial (Box)
- > Division
  - Polynomial by a Monomial

- > Geometric Applications

- Perimeter
- Area
  - > Factoring
    - Monomials
    - Find the GCF of two or more monomials
    - Factoring out a GCF from a Polynomial
    - Factor out a common binomial
    - Difference of two perfect square
    - Trinomial Factoring

Jun 4-9:05 PM