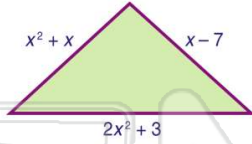




Name _____ Class _____ Date _____

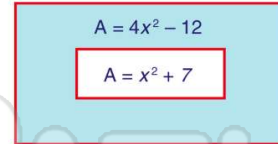
1 What is the **perimeter** of the figure shown in terms of x ?

- A $4x^2 + 2x - 4$
- B $3x^2 + 4$
- C $3x^2 - 4$
- D $3x^2 + 2x - 4$



2 What is the **area** of the shaded region in terms of x ?

- A $3x^2 - 5$
- B $3x^2 - 19$
- C $5x^2 - 5$
- D $5x^2 - 19$



3 The integer 6, raised to the **zero power** equals _____.

- A 0
- B 1

6^0

4 What is 4^{-2} ?

- A -16
- B 1
- C $\frac{1}{16}$
- D 16



5



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

D 49^5

D 4^{13}

9

What is $x^4 \cdot x^2$?

- A x^2
- B $2x^2$
- C $2x^6$
- D x^6

10

What is $2x^3 \cdot 2x$?

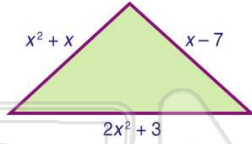
- A $4x^4$
- B $2x^4$
- C $4x^2$
- D $2x^2$



Name _____ Class _____ Date _____

1 What is the **perimeter** of the figure shown in terms of x ?

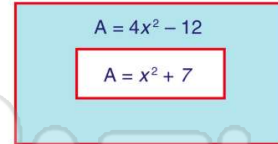
- A $4x^2 + 2x - 4$
- B $3x^2 + 4$
- C $3x^2 - 4$
- D $3x^2 + 2x - 4$



(D)

2 What is the **area** of the shaded region in terms of x ?

- A $3x^2 - 5$
- B $3x^2 - 19$
- C $5x^2 - 5$
- D $5x^2 - 19$



(B)

3 The integer 6, raised to the **zero power** equals _____.

- A 0
- B 1

6^0

(B)

4 What is 4^{-2} ?

- A -16
- B 1

C $\frac{1}{16}$



(C)

5



(D)

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

(C)

9 What is $x^4 \cdot x^2$?

- A x^2
- B $2x^2$
- C $2x^6$
- D x^6

(D)

10 What is $2x^3 \cdot 2x$?

- A $4x^4$
- B $2x^4$
- C $4x^2$
- D $2x^2$

(A)