## Day 2 Practice Problems

## Simplify each expression.

**7.** 
$$z^8z^5$$

8. 
$$-4k^{-3} \cdot 6k^4$$

**9.** 
$$(-5b^3)(-3b^6)$$

**10.** 
$$(13x^{-8})(3x^{10})$$

**11.** 
$$(-2h^5)(4h^{-3})$$

**12.** 
$$-8n \cdot 11n^9$$

**13.** 
$$(t^3)(t^6)(t^9)$$

**14.** 
$$(-f^{-8})(4f^{12})$$

**15.** 
$$(-5d^{-5})(6d^2)$$

**16.** 
$$mn^2 \cdot m^2n^{-4} \cdot mn^{-1}$$

**17.** 
$$(6a^3b^{-2})(-4ab^{-8})$$

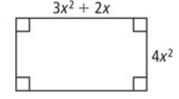
**18.** 
$$(12mn)(-m^3n^{-2}p^5)(2m)$$

**19.** 
$$q^4 \cdot r^{-5} \cdot q^3 \cdot r^5$$

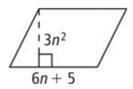
**20.** 
$$-3c^7d^{-2} \cdot 5c^{-3}d$$

**21.** 
$$fg^{-1} f^3 g^5 h^2 \cdot 2h^{-1}$$

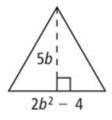
## Find the area of each figure.



37.



38.



39.

