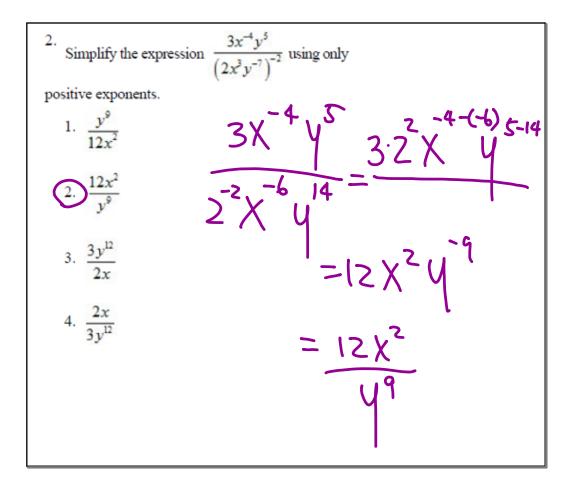
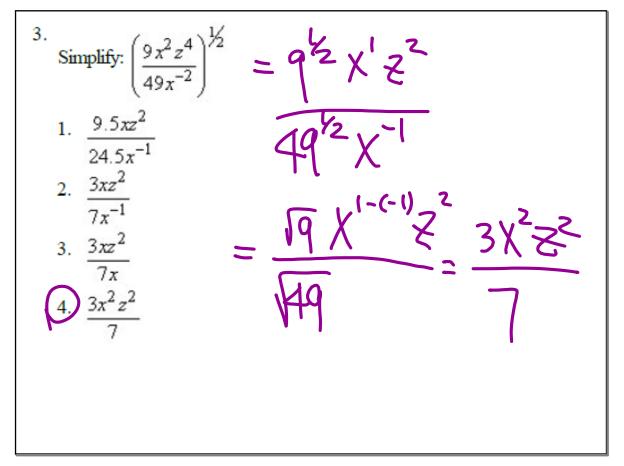
1. Standard form for an exponential expression is  $A \cdot B^x$ . Find the value of A for the exponential expression  $5^{(x+3)}$ .

1. 15  
3. 3  
2. 5  
4. 125  

$$= 5^{x} + 5^{3} = 5^{x} \cdot 125$$
  
 $= 125 \cdot 5^{x}$   
 $= A \cdot B^{x}$ 





<sup>4.</sup> Simplify: 
$$\frac{27k^5m^8}{(4k^3)(9m^2)} = \frac{371k^5m^8}{36k^3m^2}$$
  
1.  $\frac{27k^2m^6}{36}$   
2.  $\frac{3k^8m^{10}}{4}$   
3.  $\frac{27k^8m^{10}}{36}$   
4.  $\frac{3k^2m^6}{4}$ 

