

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 5A.1 - Solving Proportions

#1-6, Solve each equation.

1. $\frac{8}{a} = \frac{16}{3}$

2. $\frac{x-2}{5} = \frac{2x+3}{3}$

3. $\frac{2}{n+3} = \frac{6}{2n-5}$

4. $\frac{5}{3n+5} = \frac{5}{5n-2}$

5. $\frac{2}{6x+1} = \frac{4}{12x+2}$

6. $\frac{3+z}{5} = \frac{7z+1}{3}$

7. A 52-foot building casts a shadow that is 48 feet long. At the same time, a shadow cast by a nearby lion statue is 18 feet long. How tall is the statue?

