GRADE 8 PROPORTIONS WORKSHEET

Solve the following proportions
by finding the missing value (denoted by x).

1. $\dfrac{7}{x} = \dfrac{14}{20}$ x =

2. $\dfrac{7}{x} = \dfrac{x}{18}$ x =

3. $\dfrac{15}{5} = \dfrac{x}{2}$ x =

4. $\dfrac{x}{9} = \dfrac{6}{12}$ x =

5. $\dfrac{4}{x} = \dfrac{16}{20}$ x =

6. $\dfrac{x}{5} = \dfrac{12}{20}$ x =

7. $\dfrac{10}{6} = \dfrac{x}{18}$ x =

8. $\dfrac{3}{7} = \dfrac{12}{x}$ x =

9. $\dfrac{x}{10} = \dfrac{14}{35}$ x =

10. $\dfrac{x}{6} = \dfrac{12}{18}$ x =