

Name : _____

Score : _____

Teacher : _____

Date : _____

Solve the Equations

Round your answers to the nearest hundredth if needed.

1) $\frac{a}{8} = \frac{3}{20}$

6) $\frac{2}{7} = \frac{s + 26}{s + 20}$

2) $\frac{4}{7} = \frac{y - 14}{21}$

7) $\frac{x - 27}{2} = \frac{5}{6}$

3) $\frac{4}{9} = \frac{k - 5}{k}$

8) $\frac{4}{c + 27} = \frac{7}{c - 29}$

4) $\frac{1}{9} = \frac{11}{z - 23}$

9) $\frac{13}{6f + 18} = \frac{1}{5}$

5) $\frac{h + 18}{4} = \frac{h - 28}{7}$

10) $\frac{2}{7} = \frac{b + 8}{b}$



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Solve the Equations

Round your answers to the nearest hundredth if needed.

$$1) \frac{a}{8} = \frac{3}{20}$$

$$a = 1.20$$

$$6) \frac{2}{7} = \frac{s+26}{s+20}$$

$$s = -28.40$$

$$2) \frac{4}{7} = \frac{y-14}{21}$$

$$y = 26.00$$

$$7) \frac{x-27}{2} = \frac{5}{6}$$

$$x = 28.67$$

$$3) \frac{4}{9} = \frac{k-5}{k}$$

$$k = 9.00$$

$$8) \frac{4}{c+27} = \frac{7}{c-29}$$

$$c = -101.67$$

$$4) \frac{1}{9} = \frac{11}{z-23}$$

$$z = 122.00$$

$$9) \frac{13}{6f+18} = \frac{1}{5}$$

$$f = 7.83$$

$$5) \frac{h+18}{4} = \frac{h-28}{7}$$

$$h = -79.33$$

$$10) \frac{2}{7} = \frac{b+8}{b}$$

$$b = -11.20$$

