Solve the Absolute Value Equations

Round your answers to the nearest hundredth if needed.

1) $\left|\frac{3}{b+21}\right| = 10$

2) $\frac{1}{|v+29|} = 7$

3) $\frac{3}{|c+22|} = 24$

4) $\left|\frac{x+21}{2}\right| = 6$

5) $\left|\frac{7}{z-17}\right| = 22$

6) $\frac{|a+5|}{8} = 28$

7) $\left|\frac{f-22}{9}\right| = 2$

8) $\frac{|s-15|}{7} = 12$

9) $\frac{3}{|k-16|} = 26$

10) $\left|\frac{d-9}{7}\right| = 29$

Solve the Absolute Value Equations

Round your answers to the nearest hundredth if needed.

1) $\left|\frac{3}{b+21}\right| = 10$

$b = -20.7$ or -21.3

2) $\frac{1}{|v+29|} = 7$

$v = -29.14$ or -28.86

3) $\frac{3}{|c+22|} = 24$

$c = -22.12$ or -21.88

4) $\left|\frac{x+21}{2}\right| = 6$

$x = -33$ or -9

5) $\left|\frac{7}{z-17}\right| = 22$

$z = 16.68$ or 17.32

6) $\frac{|a+5|}{8} = 28$

$a = -229$ or 219

7) $\left|\frac{f-22}{9}\right| = 2$

$f = 4$ or 40

8) $\frac{|s-15|}{7} = 12$

$s = -69$ or 99

9) $\frac{3}{|k-16|} = 26$

$k = 15.88$ or 16.12

10) $\left|\frac{d-9}{7}\right| = 29$

$d = -194$ or 212