

Answers to Equations day 3

1) $\{5\}$

2) $\{5\}$

3) $\left\{-\frac{5}{2}\right\}$

4) No solution.

5) $\{5\}$

6) $\{-8\}$

7) $\{-3\}$

8) $\{2\}$

9) $\{0\}$

10) $\{-2\}$

11) $\{-2\}$

12) $\{0\}$

13) $\{2\}$

14) No solution.

① $t = \frac{D}{r}$

② $S = \frac{2h\sqrt{3}}{3}$

③ $h = \frac{3V}{\pi r^2}$

④ $b_1 = \frac{2A}{h} - b_2$

⑤ $R = \frac{S}{3s} - r$

⑥ $W = \frac{2S}{h_1 + h_2}$

⑦ $r = \frac{I}{PT} - \frac{1}{T}$

⑧ $C = \frac{5}{9}(F - 32)$

⑨ $h = \frac{S}{2r} - r$

⑩ $r_2 = \frac{Rr_1}{r_1 - R}$