

[12-01-26-2]

Exercises ^[B]

Solve the following equations. Check as directed by your teacher.

1. $.6(3x + 4) = 3.8$

2. $.06(1000 - n) + .05n = 700$

3. $.035(700 - x) + .025x = 40$

4. $\frac{.3x - 1}{5} = .12x + 3.2$

5. $\frac{100 - .04r}{3} - \frac{6r + 5}{2} = 1.42$

6. $\frac{1.4a}{2} - \frac{.2a + 3}{10} = .7x - 1$

7. Solve $S = a + (n - 1)d$ for a ; for d .

8. Solve $N = \frac{S}{W} - 1$ for W .

Page 205 (middle)

1. $\frac{7}{9}$

2. -64,000

3. -1550

4. $-56\frac{2}{3}$

5. 9.76

6. $\frac{34a + 35}{35}$

7. $S - nd + d: \frac{S - a}{n - 1}$

8. $W = \frac{S}{N + 1}$