

**Solve each equation:**

1)  $4.5x = 27$

2)  $2.5b = 825$

3)  $6.3x = -154.35$

4)  $8.2c = 164$

5)  $1,271 = 15.5v$

6)  $-34y = 71.4$

7)  $\frac{n}{1.6} = 4$

8)  $\frac{p}{3.6} = -54$

9)  $-24.08 = \frac{c}{-0.18}$

10)  $\frac{x}{-15} = 3.2$

11)  $-225 = \frac{x}{11.5}$

12)  $-35 = \frac{r}{-11.3}$

13)  $n \div 21.8 = 7.56$

14)  $c \cdot 5.5 = 27.5$

15)  $2.6 \times n = 119.6$

Write an equation for each statement. Then solve the equation.

16) A number multiplied by 0.3 is equal to 210.

17) The quotient of a number and 49.8 is 53.2.

18) What number divided by 12.4 is equal to 32.7?

19) A number multiplied by 3.4 is equal to 544.

20) A number divided by 47.7 is equal to 33.13.

### *Answer Key*

- 1) 6
- 2) 330
- 3) -24.5
- 4) 20
- 5) 82
- 6) -2.1
- 7) 6.4
- 8) -194.4
- 9) 4.3344
- 10) -48
- 11) -2587.5
- 12) 395.5
- 13) 164.808
- 14) 5
- 15) 46
- 16)  $0.3n = 210$ ,  $n = 700$
- 17)  $n/49.8=53.2$ ,  $n = 2649.36$
- 18)  $n/12.4=32.7$ ,  $n = 405.48$
- 19)  $3.4n = 544$ ,  $n = 160$
- 20)  $n/47.7 = 33.13$ ,  $n = 1580.301$