

**Convert each number to expanded notation.****Ex)** 65.8

$$6 \times 10 + 5 + (8 \times \frac{1}{10})$$

**1)** 6.184**2)** 35.6**3)** 2.455**4)** 64.6**5)** 6.3**6)** 88.125**7)** 3.5**8)** 145.8**9)** 82.81**10)** 117.833**11)** 82.777**12)** 16.211**13)** 91.86**14)** 4.322**15)** 553.679

**Convert each number to expanded notation.****Ex)** 65.8

$$6 \times 10 + 5 + (8 \times \frac{1}{10})$$

**1)** 6.184

$$6 + (1 \times \frac{1}{10}) + (8 \times \frac{1}{100}) + (4 \times \frac{1}{1000})$$

**2)** 35.6

$$3 \times 10 + 5 + (6 \times \frac{1}{10})$$

**3)** 2.455

$$2 + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$$

**4)** 64.6

$$6 \times 10 + 4 + (6 \times \frac{1}{10})$$

**5)** 6.3

$$6 + (3 \times \frac{1}{10})$$

**6)** 88.125

$$8 \times 10 + 8 + (1 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (5 \times \frac{1}{1000})$$

**7)** 3.5

$$3 + (5 \times \frac{1}{10})$$

**8)** 145.8

$$1 \times 100 + 4 \times 10 + 5 + (8 \times \frac{1}{10})$$

**9)** 82.81

$$8 \times 10 + 2 + (8 \times \frac{1}{10}) + (1 \times \frac{1}{100})$$

**10)** 117.833

$$1 \times 100 + 1 \times 10 + 7 + (8 \times \frac{1}{10}) + (3 \times \frac{1}{100}) + (3 \times \frac{1}{1000})$$

**11)** 82.777

$$8 \times 10 + 2 + (7 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$$

**12)** 16.211

$$1 \times 10 + 6 + (2 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (1 \times \frac{1}{1000})$$

**13)** 91.86

$$9 \times 10 + 1 + (8 \times \frac{1}{10}) + (6 \times \frac{1}{100})$$

**14)** 4.322

$$4 + (3 \times \frac{1}{10}) + (2 \times \frac{1}{100}) + (2 \times \frac{1}{1000})$$

**15)** 553.679

$$5 \times 100 + 5 \times 10 + 3 + (6 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$$