Convert each number to expanded form.

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 _____

16) 6.66 _____

17) 436.9 _____

18) 762.319 _____

19) 85.8 _____

20) 19.177 _____

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Name:
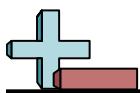
Convert each number to expanded form.

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

16) 6.66 $6 + (6 \times \frac{1}{10}) + (6 \times \frac{1}{100})$

17) 436.9 $4 \times 100 + 3 \times 10 + 6 + (9 \times \frac{1}{10})$

18) 762.319 $7 \times 100 + 6 \times 10 + 2 + (3 \times \frac{1}{10}) + (1 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$

19) 85.8 $8 \times 10 + 5 + (8 \times \frac{1}{10})$

20) 19.177 $1 \times 10 + 9 + (1 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (7 \times \frac{1}{1000})$

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0