



Convert each number to expanded form.

Ex) 4.648

$$4 + \frac{6}{10} + \frac{4}{100} + \frac{8}{1000}$$

1) 74.69

$$70 + 4 + \frac{6}{10} + \frac{9}{100}$$

2) 64.4

$$60 + 4 + \frac{4}{10}$$

3) 324.7

$$300 + 20 + 4 + \frac{7}{10}$$

4) 867.234

$$800 + 60 + 7 + \frac{2}{10} + \frac{3}{100} + \frac{4}{1000}$$

5) 745.148

$$700 + 40 + 5 + \frac{1}{10} + \frac{4}{100} + \frac{8}{1000}$$

6) 683.641

$$600 + 80 + 3 + \frac{6}{10} + \frac{4}{100} + \frac{1}{1000}$$

7) 16.19

$$10 + 6 + \frac{1}{10} + \frac{9}{100}$$

8) 98.15

$$90 + 8 + \frac{1}{10} + \frac{5}{100}$$

9) 316.13

$$300 + 10 + 6 + \frac{1}{10} + \frac{3}{100}$$

10) 47.194

$$40 + 7 + \frac{1}{10} + \frac{9}{100} + \frac{4}{1000}$$

11) 6.139

$$6 + \frac{1}{10} + \frac{3}{100} + \frac{9}{1000}$$

12) 544.26

$$500 + 40 + 4 + \frac{2}{10} + \frac{6}{100}$$

13) 68.6

$$60 + 8 + \frac{6}{10}$$

14) 974.34

$$900 + 70 + 4 + \frac{3}{10} + \frac{4}{100}$$

15) 637.6

$$600 + 30 + 7 + \frac{6}{10}$$

**Convert each problem to numeric form.**

Ex) $70 + 3 + \frac{7}{10} + \frac{7}{100}$

1) $5 + \frac{7}{10} + \frac{3}{100}$

2) $100 + 50 + 3 + \frac{5}{10} + \frac{4}{100}$

3) $6 + \frac{3}{10}$

4) $90 + 1 + \frac{7}{10}$

5) $90 + 1 + \frac{1}{10} + \frac{2}{100}$

6) $50 + 6 + \frac{5}{10}$

7) $5 + \frac{8}{10}$

8) $10 + 1 + \frac{1}{10} + \frac{3}{100}$

9) $200 + 60 + 3 + \frac{7}{10} + \frac{3}{100}$

10) $90 + 3 + \frac{9}{10}$

11) $4 + \frac{7}{10}$

12) $400 + 80 + 2 + \frac{9}{10}$

13) $500 + 90 + 2 + \frac{2}{10} + \frac{1}{100} + \frac{2}{1000}$

14) $800 + 30 + 9 + \frac{1}{10} + \frac{6}{100}$

15) $80 + 8 + \frac{6}{10} + \frac{8}{100}$

16) $800 + 20 + 4 + \frac{7}{10}$

17) $4 + \frac{1}{10}$

18) $7 + \frac{1}{10} + \frac{7}{100} + \frac{6}{1000}$

19) $200 + 20 + 8 + \frac{8}{10} + \frac{9}{100}$

20) $40 + 7 + \frac{2}{10} + \frac{1}{100}$

Answers

Ex. 73.77

1. 5.73

2. 153.54

3. 6.3

4. 91.7

5. 91.12

6. 56.5

7. 5.8

8. 11.13

9. 263.73

10. 93.9

11. 4.7

12. 482.9

13. 592.212

14. 839.16

15. 88.68

16. 824.7

17. 4.1

18. 7.176

19. 228.89

20. 47.21

**Convert each problem to numeric form.**

Ex) $1 + \frac{8}{10}$

1) $700 + 40 + 2 + \frac{9}{10} + \frac{6}{100}$

2) $600 + 30 + 5 + \frac{2}{10} + \frac{7}{100} + \frac{9}{1000}$

3) $2 + \frac{1}{10}$

4) $800 + 80 + 8 + \frac{7}{10} + \frac{5}{100} + \frac{8}{1000}$

5) $50 + 2 + \frac{1}{10} + \frac{1}{100}$

6) $1 + \frac{2}{10} + \frac{6}{100} + \frac{7}{1000}$

7) $40 + 8 + \frac{8}{10}$

8) $200 + 20 + 3 + \frac{9}{10} + \frac{8}{100}$

9) $700 + 60 + 9 + \frac{4}{10} + \frac{8}{100} + \frac{4}{1000}$

10) $500 + 70 + 1 + \frac{6}{10} + \frac{7}{100}$

11) $80 + 6 + \frac{6}{10} + \frac{3}{100}$

12) $90 + 8 + \frac{3}{10} + \frac{4}{100} + \frac{8}{1000}$

13) $40 + 5 + \frac{4}{10} + \frac{5}{100}$

14) $9 + \frac{4}{10} + \frac{5}{100}$

15) $500 + 10 + 4 + \frac{4}{10} + \frac{7}{100}$

16) $9 + \frac{6}{10} + \frac{1}{100} + \frac{9}{1000}$

17) $5 + \frac{3}{10} + \frac{8}{100} + \frac{1}{1000}$

18) $90 + 6 + \frac{4}{10} + \frac{9}{100} + \frac{4}{1000}$

19) $2 + \frac{9}{10}$

20) $70 + 9 + \frac{7}{10}$

Answers

Ex. 1.8

1. 742.96

2. 635.279

3. 2.1

4. 888.758

5. 52.11

6. 1.267

7. 48.8

8. 223.98

9. 769.484

10. 571.67

11. 86.63

12. 98.348

13. 45.45

14. 9.45

15. 514.47

16. 9.619

17. 5.381

18. 96.494

19. 2.9

20. 79.7

Name : _____

Score : _____

Teacher : _____

Date : _____

Write the Numbers in Expanded Form.

1) 74.17 $70 + 4 + 0.1 + 0.07$

2) 81.94 $80 + 1 + 0.9 + 0.04$

3) 32.11 $30 + 2 + 0.1 + 0.01$

4) 64.26 $60 + 4 + 0.2 + 0.06$

5) 17.82 $10 + 7 + 0.8 + 0.02$

6) 97.27 $90 + 7 + 0.2 + 0.07$

7) 27.85 $20 + 7 + 0.8 + 0.05$

8) 89.71 $80 + 9 + 0.7 + 0.01$

9) 54.83 $50 + 4 + 0.8 + 0.03$

10) 73.21 $70 + 3 + 0.2 + 0.01$

11) 26.84 $20 + 6 + 0.8 + 0.04$

12) 75.35 $70 + 5 + 0.3 + 0.05$

13) 81.87 $80 + 1 + 0.8 + 0.07$

14) 45.33 $40 + 5 + 0.3 + 0.03$

15) 88.61 $80 + 8 + 0.6 + 0.01$

