

Year 8 Decimals Worksheet – Answers

1.

A. $1.23 > 0.13$

B. $1.1 > 0.36$

C. $1.03 > 0.75$

D. $0.48 < 1.25$

E. $1.98 > 0.55$

F. $1.15 > 0.66$

G. $1.91 > 1.82$

H. $1.62 > 0.25$

I. $0.74 < 1.1$

J. $1.74 > 0.76$

2. Adding Decimals:

A. 114.15

B. 88.14

C. 117.24

D. 98.19

E. 37.75

F. 98.27

G. 75.45

H. 59.54

I. 58.02

J. 64.73

3.

A. $82.6 \times 100 = 8260$

B. $275.9 \times 10 = 2759$

C. $70.9 \times 100 = 7090$

D. $76.91 \times 100 = 7691$

E. $79 \times 1000 = 79000$

F. $148.9 \times 1000 = 148900$

G. $206.9 \times 10 = 2069$

H. $4.936 \times 100 = 493.6$

I. $694.2 \times 1000 = 694200$

J. $48.89 \times 1000 = 48890$

4.

A. 53.159 to the nearest 0.1: =53.2

B. 81.293 to the nearest 0.1: =81.3

C. 61.177 to the nearest 0.1: =61.2

D. 92.458 to the nearest 0.1: =92.5

E. 18.742 to the nearest 0.1: =18.7

F. 67.016 to the nearest 0.1: =67.0

G. 42.258 to the nearest 0.1: =42.3

H. 75.539 to the nearest 0.1: =75.5

I. 73.697 to the nearest 0.1: =73.7

J. 19.517 to the nearest 0.1: =19.5

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5. Write the following numbers in order from least to greatest:
- A. 1.87, 0.4, 4.53 = 0.4, 1.87, 4.53
- B. 8.25, 0.4, 6.39 = 0.4, 6.39, 8.25
- C. 4.15, 0.6, 0.2 = 0.2, 0.6, 4.15
- D. 2.1, 8.7, 0.7 = 0.7, 2.1, 8.7
- E. 5.1, 0.9, 3.1 = 0.9, 3.1, 5.1