Routine Number Practice #2

1. What is the highest common factor of 16 and 20? ……

2. What is the lowest common multiple of 15 and 6? ……

3. Is 51 a prime number? ……

4. List the prime factors of 44: ……

Round the following to 2 decimal places:

5. 10.503 ……

6. 4.687 ……

7. 43.006 ……

8. $\sqrt{23}$ ……

Round the following to 3 significant figures:

9. 35,438 ……

10. 87.560 ……

11. 0.0112 ……

12. 1.25^2 ……

Put in the correct sign out of: >, < or = in the space.

13. $\frac{-31}{4}$ -7.5

14. $\sqrt{0.09}$ $\sqrt{0.04}$

Write in Standard Form:

15. 3020 ……

16. 0.00009 ……

Convert from Standard Form:

17. 1.174×10^2 ……

18. 8.58×10^{-5} ……

Calculate as a decimal:

19. $\frac{8}{10 + 2.5}$ ……

20. $\sqrt{25 + 12^2}$ ……

Answers: Routine Number Practice #2

1. What is the highest common factor of 16 and 20? **4**

2. What is the lowest common multiple of 15 and 6? **30**

3. Is 51 a prime number? **no** (51 = 3 × 17)

4. List the prime factors of 44: **2, 2 and 11** (because 2 × 2 × 11 = 44)

Round the following to 2 decimal places:

5. 10.503 = **10.50**

6. 4.687 = **4.69**

7. 43.006 = **43.01**

8. $\sqrt{23}$ = 4.79583… = **4.80**

Round the following to 3 significant figures:

9. 35,438 = **35,400**

10. 87.560 = **87.6**

11. 0.0112 = **0.0112**

12. 1.25^2 = 1.5625 = **1.56**

Put in the correct sign out of: >, < or = in the space.

13. $\frac{-31}{4}$ **<** –7.5

14. $\sqrt{0.09}$ **>** $\sqrt{0.04}$

Write in Standard Form:

15. 3020 = **3.02×10^3**

16. 0.00009 = **9×10^{-5}**

Convert from Standard Form:

17. 1.174×10^2 = **117.4**

18. 8.58×10^{-5} = **0.0000858**

Calculate as a decimal:

19. $\frac{8}{10 + 2.5}$ = **0.64**

20. $\sqrt{25 + 12^2}$ = **13**