

## Routine Number Practice #1

1. What is the highest common factor of 18 and 10? .....
2. What is the lowest common multiple of 21 and 9? .....
3. List the primes between 40 and 50: .....
4. List the prime factors of 18: .....

Round the following to 2 decimal places:

5. 0.5719 .....
6. 54.027 .....
7. 0.899 .....
8.  $\sqrt{2}$  .....

Round the following to 3 significant figures:

9. 0.003543 .....
10. 67,560 .....
11. 23.012 .....
12.  $\sqrt{0.0006}$  .....

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

13.  $2\frac{2}{7}$       2.029
14. -0.6      -0.7

Write in Standard Form:

15. 5420 .....
16. 0.00019 .....

Convert from Standard Form:

17.  $3.57 \times 10^5$  .....
18.  $5.52 \times 10^{-3}$  .....

Calculate as a decimal:

19.  $\frac{0.2 + 0.024}{1.4}$  .....
20.  $\sqrt{3^2 + 4^2}$  .....

## Answers: Routine Number Practice #1

1. What is the highest common factor of 18 and 10? **2**
2. What is the lowest common multiple of 21 and 9? **63**
3. List the primes between 40 and 50: **41, 43 and 47** ( $49 = 7 \times 7$ )
4. List the prime factors of 18: **2, 3 and 3** (because  $2 \times 3 \times 3 = 18$ )

Round the following to 2 decimal places:

5.  $0.5719 = \mathbf{0.57}$
6.  $54.027 = \mathbf{54.03}$
7.  $0.899 = \mathbf{0.90}$
8.  $\sqrt{2} = \mathbf{1.41}$

Round the following to 3 significant figures:

9.  $0.003543 = \mathbf{0.00354}$
10.  $67,560 = \mathbf{67,600}$
11.  $23.012 = \mathbf{23.0}$
12.  $\sqrt{0.0006} = 0.0244948\dots = \mathbf{0.0245}$

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

13.  $2 \frac{2}{7} > 2.029$
14.  $-0.6 > -0.7$

Write in Standard Form:

15.  $5420 = \mathbf{5.42 \times 10^3}$
16.  $0.00019 = \mathbf{1.9 \times 10^{-4}}$

Convert from Standard Form:

17.  $3.57 \times 10^5 = \mathbf{357,000}$
18.  $5.52 \times 10^{-3} = \mathbf{0.00552}$

Calculate as a decimal:

19.  $\frac{0.2 + 0.024}{1.4} = \mathbf{0.16}$
20.  $\sqrt{3^2 + 4^2} = \mathbf{5}$