

Rational Numbers Worksheets

For each of the relationships described below, write an inequality that relates the rational numbers.

1. Seven feet below sea level is farther below sea level than $4\frac{1}{2}$ feet below sea level.
2. Sixteen degrees Celsius is warmer than zero degrees Celsius.
3. Three and one-half yards of fabric is less than five and one-half yards of fabric.
4. A loss of \$500 in the stock market is worse than a gain of \$200 in the stock market.
5. A test score of 64 is worse than a test score of 65, and a test score of 65 is worse than a test score of $67\frac{1}{2}$.
6. In December, the total snowfall was 13.2 inches, which is more than the total snowfall in October and November, which was 3.7 inches and 6.15 inches, respectively.

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Rational Numbers Worksheets

For each of the relationships described below, write an inequality that relates the rational numbers.

1. Seven feet below sea level is farther below sea level than $4\frac{1}{2}$ feet below sea level.

$$-7 < -4\frac{1}{2}$$

2. Sixteen degrees Celsius is warmer than zero degrees Celsius.

$$16 > 0$$

3. Three and one-half yards of fabric is less than five and one-half yards of fabric.

$$3\frac{1}{2} < 5\frac{1}{2}$$

4. A loss of \$500 in the stock market is worse than a gain of \$200 in the stock market.

$$-500 < 200$$

5. A test score of 64 is worse than a test score of 65, and a test score of 65 is worse than a test score of $67\frac{1}{2}$.

$$64 < 65 < 67\frac{1}{2}$$

6. In December, the total snowfall was 13.2 inches, which is more than the total snowfall in October and November, which was 3.7 inches and 6.15 inches, respectively.

$$13.2 > 6.15 > 3.7$$

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