

Name: _____

Times and More Than

Times and More Than (*don't confuse them*):

$3/5$ is 3 times $1/5$. Why? Because $3/5$ means $1/5 + 1/5 + 1/5 = 3$ fifths = $3 \times 1/5$.

$3/5$ is $2/5$ more than $1/5$. Why? Because you must add $2/5$ more to $1/5$ to get $3/5$.

1. $7/8$ is _____ times $1/8$. $7/8$ is _____ more than $1/8$.

2. 1 is _____ times $1/4$. 1 is _____ more than $1/4$.

Longer Than and Farther Than (they both *mean more than*):

How much longer is 30 minutes than 10 minutes? 20 minutes. Why? Because you must add 20 more minutes to 10 minutes to get 30 minutes.

But 30 minutes is also 3 times 10 minutes. Why? Because $3 \times 10 = 30$.

It works the same way with fractions:

1 hour is $3/4$ hour longer than $1/4$ hour. Why? Because $1/4$ hour + $3/4$ hour = 1 hour. You must add another $3/4$ hour to $1/4$ hour to get 1 hour.

$3/4$ hour is also 3 times as long as $1/4$ hour. Why? Because $(3 \times 1/4 \text{ hour}) = 3/4 \text{ hour}$.

3. $5/6$ min. is _____ times as long as $1/6$ min.

4. $5/6$ min. is _____ min. longer than $1/6$ min.

5. 3 miles is 3 times as far as 1 mile. Why?

6. 3 miles is also 2 miles farther than 1 mile. Why?

7. 1 mile is _____ times as far as $1/3$ mile.

8. 1 mile is _____ mile farther than $1/3$ mile.

9. You live $1/4$ mile from school. Your friend lives 3 times as far from school as you do. How far from school does your friend live?

How much farther from school does your friend live than you?