For #1 − 6, use the Distributive Property to simplify the following fractions.

1. 
2. 
3. 
4. 
5. 
6. 

For #7 – 12, find the multiplicative inverse (reciprocal) of each number.

1. 
2. 
3. 
4. 3
5. 0
6. 

For #13 – 20, divide the rational numbers.

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 

**Mixed Review:**

1. 199 – (–11)
2. –2.3 – (–3.1)
3. |16 – 84|
4. 4 ÷ 2 x 6 + 10 – 5)2
5. Solve *f*(*x*) = (*x* – 3) if *x* = 21

For #26 – 35, find the square root without using a calculator.

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 

\*\*E**xtra Credit\*\***  Elsa is remodeling her bedroom floor. She is going to use ice blocks that are of a foot wide. If her bedroom is  feet wide, how many tiles will she need to cover the length of the bedroom?