2.4: Multiplying and Dividing Rational Numbers

Draw a diagram to represent the following football plays: gain of 2 yards, loss of 8 yards, gain of 20 yards, loss of 5 yards, and gain of 3 yards.

Multiply.

 1.  2.  3. 

Divide.

 4.  5.  6. 

A company’s profits for a week are as follows: Monday: +$32.65, Tuesday: −$75.32, Wednesday: −$125.75, Thursday: +$100.89, and Friday: +$65.30. Does the company show a gain or loss at the end of the week?

Multiply. Write fractions in simplest form.

 1.  2.  3. 

Divide. Write fractions in simplest form.

 4.  5.  6. 