**Use estimation to complete each statement with the appropriate inequality symbol: < or >**

|  |  |
| --- | --- |
| 1. $\frac{9}{5}-\frac{1}{3}\\_\\_\\_\\_\\_\\_\\_1$
 | 1. $\frac{2}{5}+\frac{1}{3}\\_\\_\\_\\_\\_\\_\\_1$
 |
| 1. $\frac{17}{6}+\frac{2}{3}\\_\\_\\_\\_\\_\\_\\_3$
 | 1. $2\frac{1}{4}-\frac{1}{7}\\_\\_\\_\\_\\_\\_\\_2$
 |

1. Name three fractions between $\frac{1}{4}$ and $\frac{1}{3}$.
2. The fence in Jeff’s yard was damaged in a bad storm. Several of his friends offered to give him left over fencing material plus some of his was still usable. His friends tell him they have the following amounts:

|  |  |  |  |
| --- | --- | --- | --- |
| Beth: 2 1/3 yards | Chris: 64 inches | Pat: 4 ¾ feet | Jeff: 12 2/3 feet |

1. Find how much material is available. Find at least two ways to express your answer. Show all work. **NOTE: 1 foot = 3 yards 12 inches = 1 foot**
2. Jeff needs 32 ¾ feet of material. How much does he need to buy?

**Thinking Back**

1. Write 10,000,000 as a power of 10. Hint: Refer to Day 2 Homework.
2. Write (x + 2)2 as the product of factors.

**Simplify.**

|  |  |  |
| --- | --- | --- |
| 1. 2a +3a – 2c + 5a
 | 1. 6(3x) + 3x
 | 1. 5y2 + 3y
 |

Complete the following problems from your **textbook.**

p. 23: #27, 29, 39-42, 51-54