Grade: 5 **Category:** Measurement - Capacities **Sub Category-** Length word problems (customary units) **Worksheet #:** 33 Q

1) To sew a pair of jeans, 600 feet of thread is needed. How many pairs of jeans can be made using 3 spools of thread, each of which is 1,200 yards long?

2) 6 feet of packing tape is needed to seal a shipping box. How many boxes can be sealed with 44 yards of packing tape?

3) John can walk 1.2 km in 25 minutes. How far (measured in meters) can he walk in a minute?

4) A brick is 90 mm thick. How tall is the wall (in meters) if it is 32 bricks high?

5) Jack is an athlete. During his daily training, Jack hops along a path that is 35 yards long. If he can hop forward 15 inches each time, how many hops can he make along the path?

6) The ceiling is 8 feet 7 inches from the floor. Lucas can reach up to 7 feet 9 inches when he raises his arm. If he stands on a foot stool that is 8 inches tall, can he reach the ceiling?

Grade: 5 **Category:** Measurement - Capacities **Sub Category-** Length word problems (customary units) **Worksheet #:** 33 A

ANSWER 1.) 3 x 1,200 = 3,600 yards

3,600 yards = 10, 800 feet

10,800 feet ÷ 600 = 18

18 pairs of jeans can be made with 3 spools of thread.

ANSWER 2.) 44 yards = 132 feet

132 ÷ 6 = 22

44 yards of packing tape can seal 22 boxes.

ANSWER 3.) 1.2 km = 1,200 m

1,200 m ÷ 25 = 48 m

John can walk 48 meters in a minute.

ANSWER 4.) 90 mm x 32 = 2,880 mm = 2.88 m

The wall is 2.88 meters tall.

ANSWER 5.) 35 yards = 1,260 inches

1,260 ÷ 15 = 84

He can make 84 hops along the path.

ANSWER 6.) 7 feet 9 inches + 8 inches = 7 feet

17 inches = 8 feet 5 inches

8 feet 5 inches < 8 feet 7 inches

He cannot reach the ceiling if he stands on a foot stool.

Grade: 5 **Category:** Measurement - Capacities **Sub Category-** Mass/Weight word problems (customary units) **Worksheet #:** 34 Q

1)Last year, Mike weighed 34.5 kg. This year, Mike weighed 36.8 kg. If he is going to game the same weight like he did last year, what will be his weight next year?

2)The table is 19 lbs 4 oz. The chair is 11 lbs 9 oz. Compared to the table, how much heavier are two chairs?

3)Chef Vilma bought 1.3 kgs of skim milk and 3.2 kgs of flour. She used some skim milk for baking a birthday cake and 450 g of it was left. How much skim milk (in grams) did she use?

4)In the grocery store, a trolley can hold 20 lbs of groceries. Annie put 12 lbs 8 oz of groceries on the trolley. How much more weight can the trolley hold?

5)A woven rattan basket can hold up 6 lbs of items. A net bag of 4 oranges weighs 12 ounces. How many bags of oranges can the basket hold?

Grade: 5 **Category:** Measurement - Capacities **Sub Category-** Mass/Weight word problems (customary units) **Worksheet #:** 34 A

ANSWER 1.) 36.8 + (36.8 – 34.5) = 36.8 + 2.3 = 39.1

His weight next year will be 39.1 kg.

ANSWER 2.) 11 lbs 9 oz x 2 = 22 lbs 18 oz = 23 lbs 2 oz

Two chairs are 23 lbs 2 oz.

ANSWER 3.) 1.3 kgs = 1,300 g

1,300 – 450 = 850

She used 850 g of skim milk.

ANSWER 4.) 20 lbs = 19 lbs 16 oz

19 lbs 16 oz – 12 lbs 8 oz = 7 lbs 8 oz