

CAREER FILMS

Module 2—Old Navy Distribution Center

Applying lesson 2.1

1. Two trailers of shirts have just arrived at the Old Navy Distribution Center. One trailer contains 1,957 cases of shirts. The other trailer contains 1,365 cases. How many cases of shirts arrived on these two trailers?

2. After these two trailers arrive, a third trailer arrives with 1,889 cases of shirts. How many total cases arrived on these three trailers?

Applying Lesson 2.2

1. The Old Navy Distribution Center has 7,436 cases of teal polo shirts in stock. 1,582 cases are size “Small.” Excluding the size “Small” shirts, how many cases of teal polo shirts are in stock at the Old Navy Distribution Center?

2. The Manager of the Old Navy Distribution Center has just been informed that 287 cases of khaki pants received water damage when the sprinkler system was set off. Prior to the water damage, he had 3,462 cases of khaki pants. How many cases does he have that have not received water damage?

Applying Lesson 2.3

1. The Old Navy Distribution Center has 7,468 cases of olive slacks in stock. Each case contains 24 pairs of olive slacks. How many pairs of olive slacks are in stock at the Old Navy Distribution Center?
2. Each warehouse worker can load 564 cases of product on a truck each day. How many cases can a crew of 14 men load?

Applying Lesson 2.4

1. The Old Navy Pacific Distribution Center plan on shipping their entire stock of gray Old Navy t-shirts out next week to 97 different stores. The distribution center has 9,235 cases of these t-shirts. How many cases will each store receive? If each store receives an equal amount, will there be any cases left over? If yes, how many?
2. 8,750 cases of product are expected to arrive today at the distribution center. If one forklift can unload and place 1,200 cases in the appropriate location, how many forklifts will be required to unload and place all 8,750 cases in the appropriate location?

Applying Lesson 2.5

1. The Manager of the Old Navy Distribution Center wants to implement a “Total Quality Management Program” (TQM). He wants to have inter-departmental meetings to develop ideas for quality improvement. There are six departments at the distribution center. He wants a team from each of these departments to meet with a team from every other department twice a year. How many meetings will need to be scheduled?
2. The warehouse manager is trying to read a report given to him on the number of cases of shirts that are in the warehouse. Because of smudge marks he can not read the report. He knows that the single digit number represents the number of stacks of cases and that the three digit number represents the number of cases in each stack. How many stack are there; how many cases in each stack; and how many total cases are there if the report looks like this:

$$\frac{3^4 X^*}{*,*68}$$