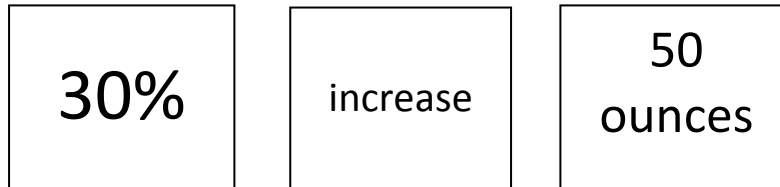


Percent Game Directions

There are three piles of cards. One pile has percentages, one pile has an action (such as mark up, mark down, increase, decrease), and one pile has a starting amount. The students (in groups of 2-4) will draw one card from each pile, and then perform the indicated operation to calculate the new quantity.

For example: a student draws a 30% card, an increase card, and a starting amount of 50 ounces.



The student will calculate 30% of 50 ounces. Then add the amount to the starting amount to determine the new quantity.

This would be a good opportunity to have discussion about reasonable answers. For example, if you had 15 horses and increased it by 10%, would you have 16.5 horses? Can you have part of a horse?

5%

10%

15%

20%

25%

30%

35%

40%

45%

50%

55%

60%

65%

70%

75%

80%

85%

90%

95%

Mark Up

Mark
Down

Mark Up

Mark
Down

Mark Up

Mark
Down

Increase

Increase

Increase

Decrease

Decrease

Increase

Decrease

Decrease

Decrease

Increase

Increase

Increase

Decrease

Decrease

Decrease

\$150

\$75

65
horses

1000
gallons

300
tickets

500
students

12,000,000
people

250
houses

110
berries

200
cards

92
movies

\$600

50
minutes

240
7th graders

60
books

2440
kilometers

32
ounces

2,000
pounds

3
pints

8
hours

467
grams

\$32

25,000
fans

35
players

4,500
seeds