Warm-Up 39

1) -9(3x + 7y - 8) =

7.NS.2a

2) What is the area of a circle that has a diameter of 10 feet? (Use 3.14 for pi.)

7.G.4

3) In a survey 25 out of 200 students indicated that they would vote for Suzy for class president. If 1,000 students are voting in the election, how many would be expected to vote for Suzy?

7.SP.2

4) Juliet planned on purchasing a $1500 vacation trip. After receiving a 30% discount, how much did she pay?

7.EE.3

5) Identify the constant of proportionality (unit rate) using the table below. Give the rate in TV hours per day.

Days	Hours of TV
2	7
10	35
15	52.5

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