**Significant Figures Calculations**

*Solve the following mathematical problems such that the answers have the correct number of significant figures & correct units:*

1) 334.54 grams + 198 grams =

2) 34.1 grams / 1.1 mL =

3) 2.11 x 103 joules / 34 seconds =

4) 0.0010 meters – 0.11 meters =

5) 349 cm + 1.10 cm + 100 cm =

6) 450 meters / 114 seconds =

7) 298.01 kilograms + 34.112 kilograms =

8) 84 m/s x 31.221 s =

**Significant Figures Calculations Answers**

*Solve the following mathematical problems such that the answers have the correct number of significant figures:*

1) 334.54 grams + 198 grams = 533 grams.

2) 34.1 grams / 1.1 mL = 31 g/mL

3) 2.11 x 103 joules / 34 seconds = 62 J/s

4) 0.0010 meters – 0.11 meters = -0.11 m

5) 349 cm + 1.10 cm + 100 cm = 500 cm

6) 450 meters / 114 seconds = 3.9 m/s

7) 298.01 kilograms + 34.112 kilograms = 332.12 kilograms

8) 84 m/s x 31.221 s = 2600 m