

Name : \_\_\_\_\_

## Addition and Subtraction

T2S3

Simplify each expression. Round your answer to the appropriate number of significant figures.

1)  $17.28 - 15.9646 + 7.831$

\_\_\_\_\_

2)  $21.522 + 42.2025 - 18.032$

\_\_\_\_\_

3)  $89.7 - 70.294 +$

\_\_\_\_\_

$+ 4.327 + 3.64$

\_\_\_\_\_

5)  $58.3234 + 12.11$

\_\_\_\_\_

$27 + 90.4 - 147.998$

\_\_\_\_\_

7) An art and craft store sells 15.69 yards of fabric. On Saturday, the store sells the same fabric on Sunday. How many yards of fabric are sold on Saturday and Sunday? Round your answer to the appropriate number of significant figures.

\_\_\_\_\_

ic. On Saturday, the store sells the same fabric on Sunday. Round your answer to the appropriate number of significant figures.

\_\_\_\_\_

8) Betty buys three packs of candies for the upcoming Halloween celebrations. The packs of candies weigh 64.6 ounces, 36 ounces and 33.9 ounces. Determine the total weight of the candies. Round your answer to the appropriate number of significant figures.

\_\_\_\_\_

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**Addition and Subtraction**

Simplify each expression. Round your answer to the appropriate number of significant figures.

1)  $17.28 - 15.9646 + 7.831$

**9.15**

2)  $21.522 + 42.2025 - 18.032$

**45.693**

3)  $89.7 - 70.294 +$

**25.4****PREVIEW**

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$+ 4.327 + 3.64$

**9.40**

5)  $58.3234 + 12.11$

**130.529**

$27 + 90.4 - 147.998$

**143.7**

7) An art and craft store sells 15.69 yards of fabric. On Saturday, the store sells 12.34 yards of fabric. How many yards of fabric does the store sell on Sunday? Round your answer to the appropriate number of significant figures.

**243.76 yards**

ic. On Saturday, the store  
same fabric on Sunday.  
ropriate number of

8) Betty buys three packs of candies for the upcoming Halloween celebrations. The packs of candies weigh 64.6 ounces, 36 ounces and 33.9 ounces. Determine the total weight of the candies. Round your answer to the appropriate number of significant figures.

**135 ounces**