You have done a great job by helping the Left sisters build an airport and design a plane. The plane needs a hub to rest until its next journey. Help the sisters construct this hub.
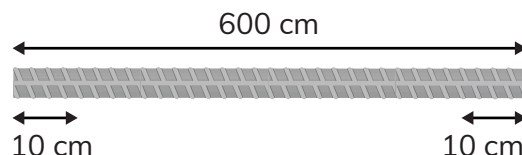
1 The length of a steel bar used in making the foundation of the hub is 600 cm. Find the length of the steel bar if 10 cm is cut from both the ends. Circle the correct answer.

580 cm   590 cm   620 cm

600 cm

10 cm   10 cm

2 The total weight of three bags of cement used for the construction of the foundation is 150 kg. Find the weight of each cement bag in grams. Circle the correct answer.

50 g   500 g

5000 g   50000 g

CEMENT

3 After mixing cement with water, 5 L and 5 mL of water is left in a bucket and 700 mL of water is left in another bucket. Find the total amount of water left (in mL) and check ✔ the correct box.
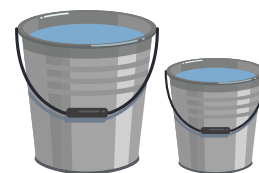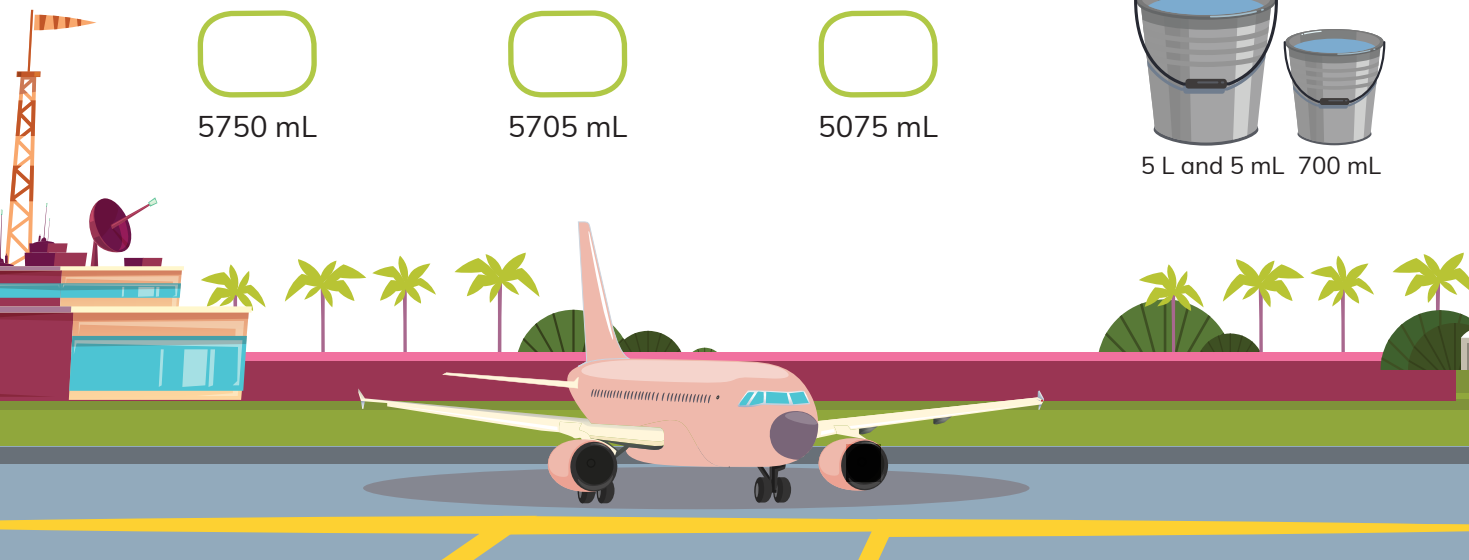
5750 mL   5705 mL   5075 mL

5 L and 5 mL   700 mL

BFUTURE SCHOOL

Word Problems on Measurement Units

02
Foundation

Convert larger units to smaller units of all attributes of measurement in real-life situations using number lines and equations. CCSS.MATH.CONTENT.4.MD.A.2 | US_EN_04_MAT_C33_WS_m1

4 The total length of the wall of the hub is 1 km. $\frac{3}{10}$ km of the wall has already been painted. Find the remaining length of the wall that is to be painted in meters. Write your answer in the boxes given.

$\frac{3}{10}$ km = ▢▢▢ m

Remaining length = ▢▢▢ m

0        $\frac{3}{10}$ $\frac{10}{10}$

5 To meet the requirements of the sand for the leveling of the floor, two options are available. You can either buy one 320 oz bag of sand or twenty 1 lb bags of sand. Both the options cost the same. Check ✓ the box that represents the better deal.

◯ One bag that weighs 320 oz

◯ Twenty bags that weigh 1 lb each

◯ Both options are equally viable

SAND

6 The hub can store a maximum of 1500 lb of construction material, out of which $\frac{1}{2}$ ton of material is already stored. Find the remaining weight of the material that can be stored. Write your answer in the boxes given.

Hint: 1 ton = 2000 lb

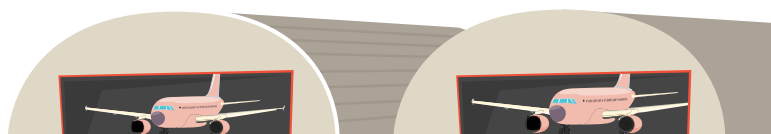Remaining weight of the material that can be stored

= 1500 lb ▢ ▢▢▢▢ lb

Use the operation (+, -)

= ▢▢▢ lb

01
Foundation

Word Problems on Measurement Units   (Answer sheet)

FUTURE SCHOOL

Convert larger units to smaller units of all attributes of measurement in real-life situations using number lines and equations. **CCSS.MATH.CONTENT.4.MD.A.2 | US_EN_04_MAT_C33_WSA_m1**

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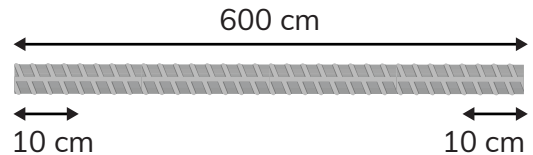
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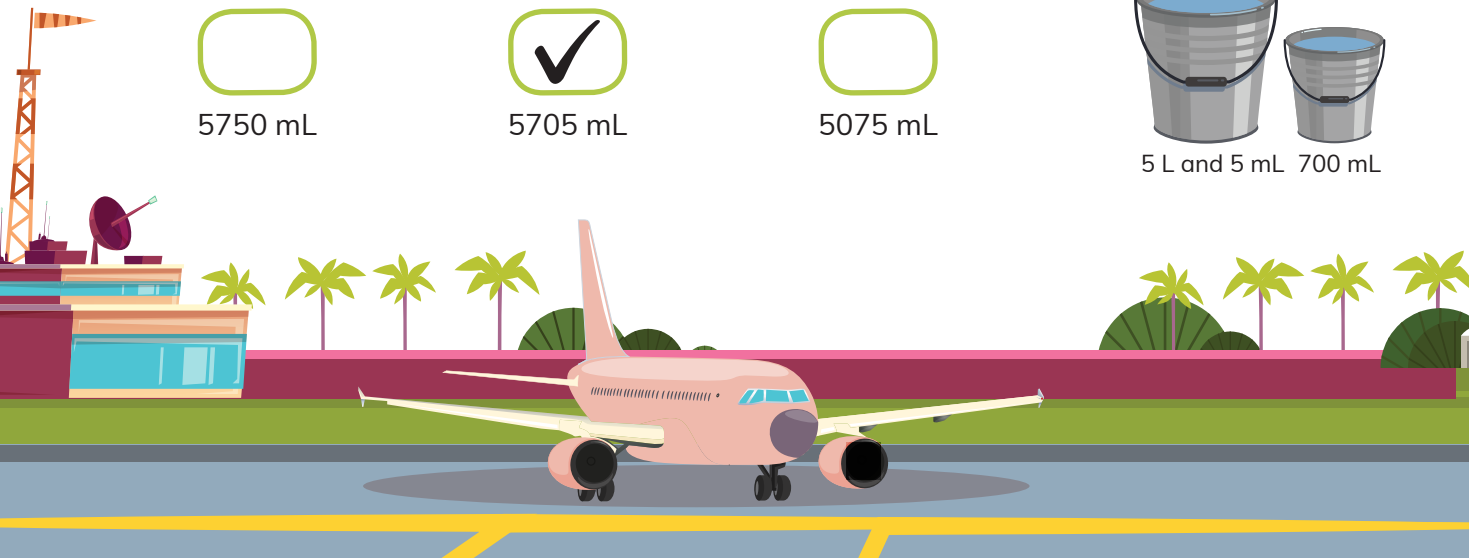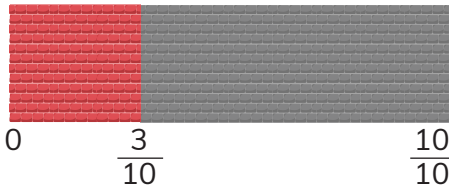
5750 mL   ✔ 5705 mL   5075 mL

5 L and 5 mL 700 mL

FUTURE SCHOOL Word Problems on Measurement Units   (Answer sheet)   **02** Foundation

Convert larger units to smaller units of all attributes of measurement in real-life situations using number lines and equations. CCSS.MATH.CONTENT.4.MD.A.2 | US_EN_04_MAT_C33_WSA_m1

4 The total length of the wall of the hub is 1 km. $\frac{3}{10}$ km of the wall has already been painted. Find the remaining length of the wall that is to be painted in meters. Write your answer in the boxes given.

$\frac{3}{10}$ km   = | 3 | 0 | 0 | m

Remaining length = | 7 | 0 | 0 | m

0    $\frac{3}{10}$ $\frac{10}{10}$

5 To meet the requirements of the sand for the leveling of the floor, two options are available. You can either buy one 320 oz bag of sand or twenty 1 lb bags of sand. Both the options cost the same. Check ✓ the box that represents the better deal.

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Hint: 1 ton = 2000 lb

Remaining weight of the material that can be stored

= 1500 lb | – | 1 | 0 | 0 | 0 | lb

Use the operation (+, -)

= | 5 | 0 | 0 | lb