

Name _____

Date _____

1. Work with a partner. Use a ruler and/or a meter stick to complete the chart below.

Object	Measurement (in cm)	The object measures between (which two tens)...	Length Rounded to the Nearest 10 cm
Example: My shoe	23 cm	<u>20</u> and <u>30</u> cm	20 cm
Long side of a desk	61 cm	<u>60</u> and <u>70</u> cm	60 cm
A new pencil	19 cm	<u>10</u> and <u>20</u> cm	20 cm
Short side of a piece of paper	22 cm	<u>20</u> and <u>30</u> cm	20 cm
Long side of a piece of paper	28 cm	<u>20</u> and <u>30</u> cm	30 cm

2. Work with a partner. Use a digital scale to complete the chart below.

Bag	Measurement (in g)	The bag of rice measures between (which two tens)...	Weight Rounded to the Nearest 10 g
Example: Bag A	8 g	<u>0</u> and <u>10</u> g	10 g
Bag B	35 g	<u>30</u> and <u>40</u> g	40 g
Bag C	82 g	<u>80</u> and <u>90</u> g	80 g
Bag D	28 g	<u>20</u> and <u>30</u> g	30 g
Bag E	51 g	<u>50</u> and <u>60</u> g	50 g

COMMON
CORE

Lesson 12:

Date:

Round two-digit measurements to the nearest ten on the vertical number line.
7/4/13

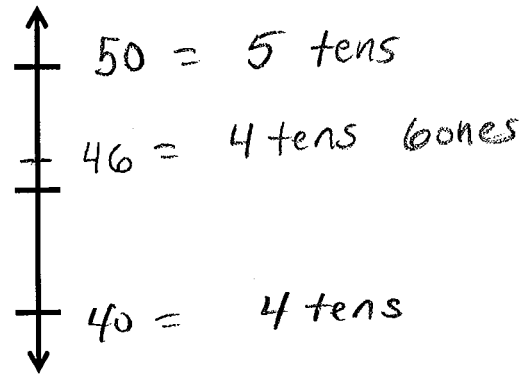
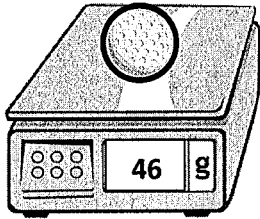
engage^{ny}

2.C.8

Name _____

Date _____

The weight of a golf ball is shown below.



- a. The golf ball weighs 46g.
- b. Round the weight of the golf ball to the nearest ten grams. Model your thinking on the number line.
- c. The golf ball weighs about 50g.
- d. Explain how you used the halfway point on the number line to round to the nearest ten grams.

46 grams is more than halfway
between 40 and 50 grams.

I know because 6g is more than 5g
and 5g marks halfway → 46 is 4g
away from 50g, but 6g away from 40g.

46g is about 50 grams.

COMMON
CORE

Lesson 12:

Date:

Round two-digit measurements to the nearest ten on the vertical
number line.
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2.C.10

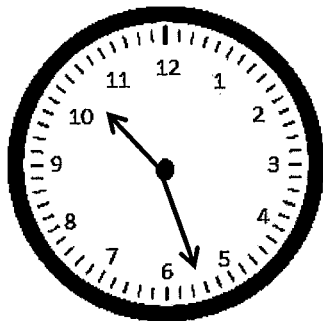
Name _____

Date _____

1. Complete the chart. Choose objects and use a ruler/meter stick to complete the last two on your own.

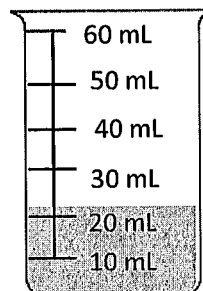
Object	Measurement (in cm)	The object measures between which two tens?	Length Rounded to the Nearest 10 cm
Length of desk	66 cm	<u>60</u> and <u>70</u> cm	<u>70 cm</u>
Width of desk	48 cm	<u>40</u> and <u>50</u> cm	<u>50 cm</u>
Width of door	81 cm	<u>80</u> and <u>90</u> cm	<u>80 cm</u>
		_____ and _____ cm	
		_____ and _____ cm	

2. Gym class ends at 10:27 a.m. Round the time to the nearest 10 minutes.



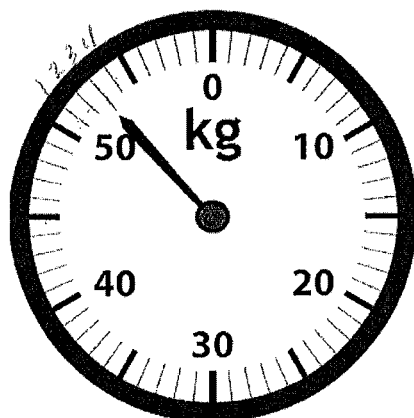
Gym class ends at about 10:30 a.m.

3. Measure the liquid in the beaker to the nearest 10 milliliters.



There are about 20 milliliters in the beaker.

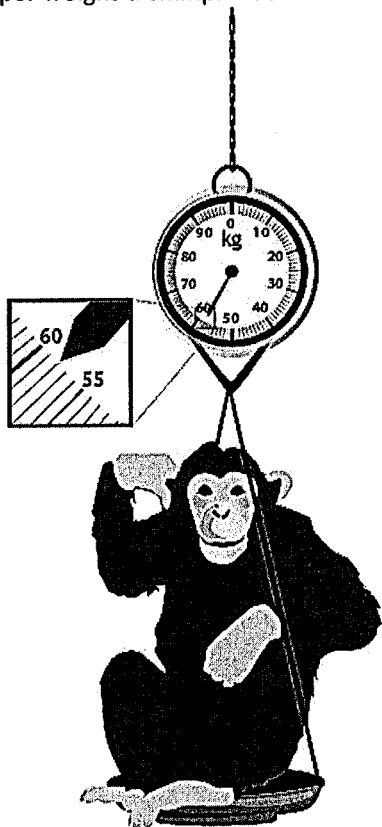
4. Mrs. Santos' weight is shown on the scale. Round the weight to the nearest 10 kilograms.



Mrs. Santos' weight is 53 kilograms.

Mrs. Santos weighs about 50 kilograms.

5. A zookeeper weighs a chimp. Round the chimp's weight to the nearest 10 kilograms.




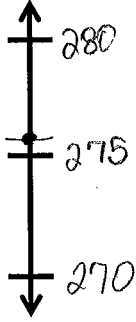
The chimp's weight is 58 kilograms.

The chimp weighs about 60 kilograms.

Name _____

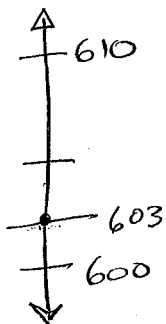
Date _____

1. Round to the nearest ten. Use the number line to model your thinking.

<p>a. $26 \approx \underline{30}$</p> 	<p>b. $276 \approx \underline{280}$</p> 
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2. Bobby rounds 603 to the nearest ten. He says it is 610. Is he correct? Why or why not? Use a number line and words to explain your answer.

No.



603 is less than halfway between 600 and 610,
603 is about 600.

COMMON
CORE

Lesson 13:

Date:

Round two- and three- digit numbers to the nearest ten on the vertical number line.
7/4/13

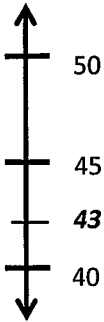
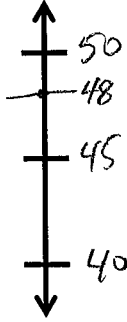
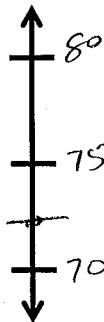
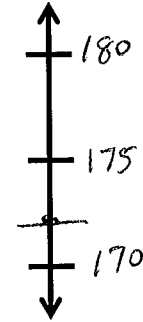
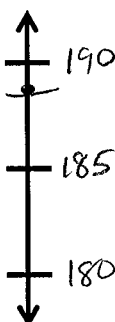

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2.C.21

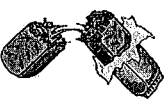

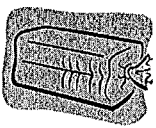
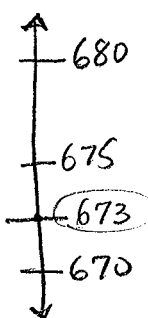
Name _____

Date _____

1. Round to the nearest ten. Use the number line to model your thinking.

<p>a. $43 \approx \underline{40}$</p> 	<p>b. $48 \approx \underline{50}$</p> 
<p>c. $73 \approx \underline{70}$</p> 	<p>d. $173 \approx \underline{170}$</p> 
<p>e. $189 \approx \underline{190}$</p> 	<p>f. $194 \approx \underline{190}$</p> 

2. Round the weight of each item to the nearest 10 grams. Draw number lines to model your thinking.

	Number Line	Round to the nearest 10 grams:
 Cereal Bar: 45 grams		45 g
 Loaf of bread: 673 grams		670 g

3. The Garden Club plants rows of carrots in the garden. One seed packet weighs 28 grams. Round the total weight of 2 seed packets to the nearest 10 grams. Model your thinking using a number line.

$$\begin{array}{r} 28 \text{ g} \\ + 28 \text{ g} \\ \hline 56 \text{ g} \end{array}$$



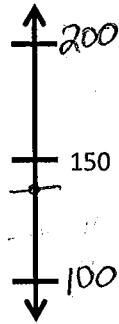
$$56 \text{ g} \approx 60 \text{ g}$$

Name _____

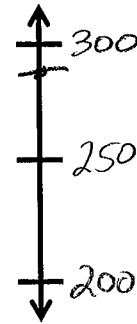
Date _____

1. Round to the nearest hundred. Use the number line to model your thinking.

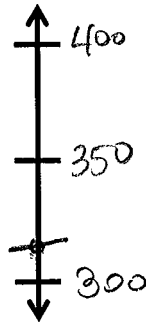
a. $143 \approx \underline{100}$



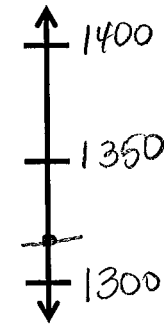
b. $286 \approx \underline{300}$



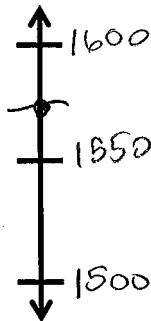
c. $320 \approx \underline{300}$



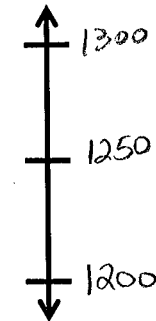
d. $1,320 \approx \underline{1,300}$



e. $1,572 \approx \underline{1,600}$



f. $1,250 \approx \underline{1,250}$



2.

a. Shauna has 480 stickers. Round the number of stickers to the nearest hundred.	$480 \approx 500$
b. There are 525 pages in a book. Round the number of pages to the nearest hundred.	$525 \approx 500$
c. A container holds 750 mL of water. Round the capacity to the nearest 100 mL.	$750\text{ mL} \approx 800\text{ mL}$
d. Glen spends \$1,297 on a new computer. Round the amount Glen spends to the nearest \$100.	$\$1,297 \approx \$1,300$
e. The drive between two cities is 1,842 km. Round the distance to the nearest 100 km.	$1,842\text{ km} \approx 1,800\text{ km}$

3. Circle the numbers that round to 600 when rounding to the nearest hundred.

527

550

639

681

713

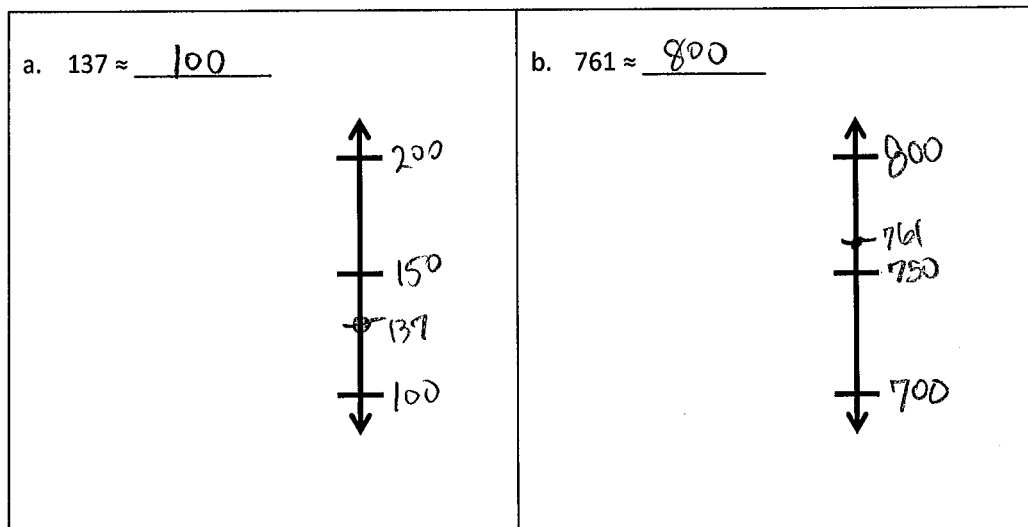
603

4. The teacher asks students to round 865 to the nearest ten. Christian says that it is eight hundred seventy. Alexis disagrees and says it is 87 tens. Who is correct? Explain your thinking.

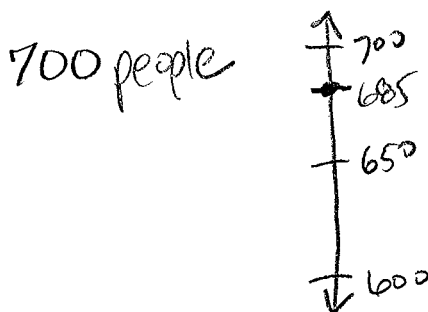
Name _____

Date _____

1. Round to the nearest hundred. Use the number line to model your thinking.



2. There are 685 people at the basketball game. Round the number of people to the nearest hundred.

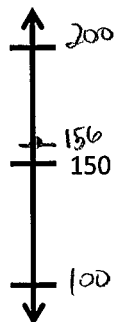


Name _____

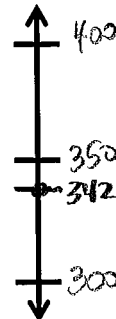
Date _____

1. Round to the nearest hundred. Use the number line to model your thinking.

a. $156 \approx \underline{200}$



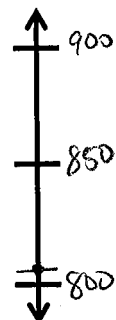
b. $342 \approx \underline{300}$



c. $685 \approx \underline{700}$



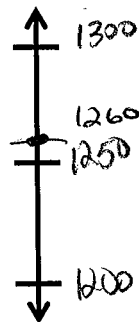
d. $804 \approx \underline{800}$



e. $260 \approx \underline{300}$



f. $1260 \approx \underline{1300}$



COMMON CORE MATHEMATICS CURRICULUM Lesson 14: Round to the nearest hundred on the vertical number line.



Lesson 14:
Date:

Round to the nearest hundred on the vertical number line.
7/4/13

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2.C.34

2. Complete the chart.

a. Luis has 217 baseball cards. Round the number of cards Luis has to the nearest hundred.	$217 \approx 200$
b. There were 462 people sitting in the audience. Round the number of people to the nearest hundred.	$462 \approx 500$
c. A bottle of juice holds 386 milliliters. Round the capacity to the nearest 100 milliliters.	$386 \text{ mL} \approx 400 \text{ mL}$
d. A math textbook weighs 727 grams. Round the weight to the nearest 100 grams.	$727 \text{ g} \approx 700 \text{ g}$
e. Joanie's parents spent \$1,260 on two plane tickets. Round the total to the nearest \$100.	$\$1,260 \approx \$1,300$

3. Circle the numbers that round to 400 when rounding to the nearest hundred.

368

342

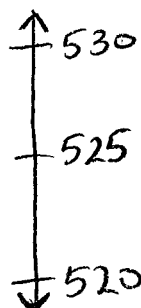
420

492

449

464

4. There are 525 pages in a book. Julia and Kim round the number of pages to the nearest ten. Julia says it is 520. Kim says it is 53 tens. Who is correct? Explain your thinking.



Kim is correct because 530 in unit for is 53 tens. Julia is incorrect because 530 is about 530 not 520.