0.17 Mixed Decimal Equations	Name:
A farmer is collecting eggs from her chicken coop. After collecting the eggs from her prize chiken, the farmer weighs the eggs to be 4.5 ounces. If the chicken laid 7.5 identical eggs how much does each egg weigh?	
ounces	Show your work
Choose the best answer	
A book self is 1.6 inches wide. If 4 books of equal width fit on the shelf, how wide is each book?	
O 2.4 O 3.4	
O 0.4 O 1.4	Show your work
For Halloween Benjamin is going to dress as a superhero. He notices his cape is 7.6 feet long. Benjamin decides his cape is too long and trims 0.6 feet of fabric. How long is Benjamin's altered cape?	

feet

Show your work

#4

Choose the best answer

Benjamin and his friends want to go tobogganing. Each toboggan moves at 7.3 feet per second. How far will Benjamin travel on a toboggan in 7.3 seconds?

0 65.15

O 53.29

38.87

62.3

Show your work

#5

Choose the best answer

A building is 9.7 meters tall when it is first built. As the building gets older, its roof droops by 4.1 meters. How tall is the building after its roof droops?

O 5.6

O 4.8

O 5.5

0 6.2

Show your work

#6

Choose the best answer

The speed skater takes 12.3 seconds to skate around the track. After she trains for a month, the skater removes 8.8 seconds from her previous time. How long does it take the speed skater to circle the track after she trains?

3.6

3.4

3.5

3.9

Show your work

#7

Choose the best answer

Darren has a skipping rope that is 6.2 feet long. His friend has a second skipping rope that is 6 feet long. If Darren and his friend tie the ropes together, how long is the combined rope?

0 10.8

 \bigcirc 12.2

O 14.7

8.7

Show your work

#8

Choose the best answer

If Logan can lift 3 cement blocks at a time and each block weighs 2 pounds, how much weight can Logan lift?

 \bigcirc 7

5

0

 $\supset g$

Show your work

#9

There are 3.5 friends at a birthday party and they want to share 9.1 pieces of cake evenly. How many pieces of cake does each friend get to eat?

pieces

Show your work

Question	Answer
#1	0.6
#2	0.4
#3	7
#4	53.29
#5	5.6
#6	3.5
#7	12.2
#8	6
#9	2.6
#10	4.4
#11	3.2
#12	1.7