A

Correct _____

Solve.

1	$10 \times 10 =$		23	$3{,}400 \div 10^2 =$	
2	$10^2 =$		24	$3{,}470 \div 10^2 =$	
3	$10^2 \times 10 =$		25	$3{,}407 \div 10^2 =$	
4	$10^3 =$		26	$3{,}400.7 \div 10^2 =$	
5	$10^3 \times 10 =$		27	$63{,}000 \div 1000 =$	
6	$10^4 =$		28	$63{,}000 \div 10^3 =$	
7	$3 \times 100 =$		29	$63{,}800 \div 10^3 =$	
8	$3 \times 10^2 =$		30	$63{,}080 \div 10^3 =$	
9	$3.1 \times 10^2 =$		31	$63{,}082 \div 10^3 =$	
10	$3.15 \times 10^2 =$		32	$81{,}000 \div 10{,}000 =$	
11	$3.157 \times 10^2 =$		33	$81{,}000 \div 10^4 =$	
12	$4 \times 1000 =$		34	$81{,}400 \div 10^4 =$	
13	$4 \times 10^3 =$		35	$81{,}040 \div 10^4 =$	
14	$4.2 \times 10^3 =$		36	$91{,}070 \div 10^4 =$	
15	$4.28 \times 10^3 =$		37	$120 \div 10^2 =$	
16	$4.283 \times 10^3 =$		38	$350 \div 10^3 =$	
17	$5 \times 10{,}000 =$		39	$45{,}920 \div 10^4 =$	
18	$5 \times 10^4 =$		40	$6{,}040 \div 10^3 =$	
19	$5.7 \times 10^4 =$		41	$61{,}080 \div 10^4 =$	
20	$5.73 \times 10^4 =$		42	$7.8 \div 10^2 =$	
21	$5.731 \times 10^4 =$		43	$40{,}870 \div 10^3 =$	
22	$24 \times 100 =$		44	$52{,}070.9 \div 10^2 =$	

B Improvement _____ # Correct _____

Solve.

#	Problem	Answer	#	Problem	Answer
1	10 x 10 x 1 =		23	$4,370 \div 10^2 =$	
2	$10^2 =$		24	$4,370 \div 10^2 =$	
3	10^2 x 10 =		25	$4,307 \div 10^2 =$	
4	$10^3 =$		26	$4,300.7 \div 10^2 =$	
5	10^3 x 10 =		27	$73,000 \div 1000 =$	
6	$10^4 =$		28	$73,000 \div 10^3 =$	
7	$500 \div 100 =$		29	$73,800 \div 10^3 =$	
8	$500 \div 10^2 =$		30	$73,080 \div 10^3 =$	
9	$510 \div 10^2 =$		31	$73,082 \div 10^3 =$	
10	$516 \div 10^2 =$		32	$91,000 \div 10,000 =$	
11	$516.7 \div 10^2 =$		33	$91,000 \div 10^4 =$	
12	$6,000 \div 1000 =$		34	$91,400 \div 10^4 =$	
13	$6,000 \div 10^3 =$		35	$91,040 \div 10^4 =$	
14	$6,200 \div 10^3 =$		36	$81,070 \div 10^4 =$	
15	$6,280 \div 10^3 =$		37	$170 \div 10^2 =$	
16	$6,283 \div 10^3 =$		38	$450 \div 10^3 =$	
17	$70,000 \div 10,000 =$		39	$54,920 \div 10^4 =$	
18	$70,000 \div 10^4 =$		40	$4,060 \div 10^3 =$	
19	$76,000 \div 10^4 =$		41	$71,080 \div 10^4 =$	
20	$76,300 \div 10^4 =$		42	$8.7 \div 10^2 =$	
21	$76,310 \div 10^4 =$		43	$60,470 \div 10^3 =$	
22	$4,300 \div 100 =$		44	$72,050.9 \div 10^2 =$	

Name _____ Date _____

Solve.

1. Mr. Frye distributed $126 equally among his 4 children for their weekly allowance.

    a. How much money did each child receive?

    b. John, the oldest child, paid his siblings to do his chores. If John pays his allowance equally to his brother and two sisters, how much money will each of his siblings have received in all?

2. Ava is 23 cm taller than Olivia, and Olivia is half the height of Lucas. If Lucas is 1.78 m tall, how tall are Ava and Olivia? Express their heights in centimeters.

3. Mr. Hower can buy a computer with a down payment of $510 and 8 monthly payments of $35.75. If he pays cash for the computer, the cost is $699.99. How much money will he save if he pays cash for the computer instead of paying for it in monthly payments?
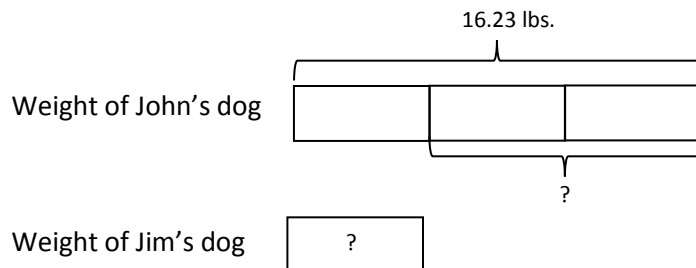
4. Brandon mixed 6.83 lbs. of cashews with 3.57 lbs. of pistachios. After filling up 6 bags that were the same size with the mixture, he had 0.35 lbs. of nuts left. What was the weight of each bag? Use a tape diagram and show your calculations.

5. The bakery bought 4 bags of flour containing 3.5 kg each. 475 g of flour are needed to make a batch of muffins and 0.65 kg is needed to make a loaf of bread.
   a. If 4 batches of muffins and 5 loaves of bread are baked, how much flour will be left? Give your answer in kilograms.

b.   The remaining flour is stored in bins that hold 3 kg each. How many bins will be needed to store the flour? Explain your answer.

Name _____   Date _____

Write a word problem with two questions that matches the tape diagram below, then solve.

16.23 lbs.

Weight of John's dog

?

Weight of Jim's dog   ?

Name _____   Date _____

Solve using tape diagrams.

1. A gardener installed 42.6 meters of fencing in a week. He installed 13.45 meters on Monday and 9.5 meters on Tuesday. He installed the rest of the fence in equal lengths on Wednesday through Friday. How many meters of fencing did he install on each of the last three days?

2. Jenny charges $9.15 an hour to babysit toddlers and $7.45 an hour to babysit school-aged children.

   a. If Jenny babysat toddlers for 9 hours and school-aged children for 6 hours, how much money did she earn in all?

   b. Jenny wants to earn $1300 by the end of the summer. How much more will she need to earn to meet her goal?

3. A table and 8 chairs weigh 235.68 pounds together. If the table weighs 157.84 lbs., what is the weight of

one chair in pounds?

4. Mrs. Cleaver mixes 1.24 liters of red paint with 3 times as much blue paint to make purple paint. She pours the paint equally into 5 containers. How much blue paint is in each cup? Give you answer in liters.