



Year 5 Worksheet 9 - Decimals

Question 1: Answer the following.

$3.25 + 1.7$	$6.9 + 2.13$	$8.75 - 4.2$
$5.67 + 3.42$	$12.58 - 6.73$	$7.45 + 0.86$
$9.25 - 3.9$	$4.25 + 2.18$	$15.6 - 8.25$
$3.9 + 0.67$	$6.25 - 1.98$	$9.34 + 5.21$



Question 2: Answer the following.

3.25×5	6.9×8	8.75×9
5.67×4	12.58×10	7.45×6
9.25×7	4.25×3	15.6×11
3.9×12	6.25×13	9.34×14



Question 3: Answer the following.

3.25×6.5	6.9×1.2	8.75×2.5
5.67×7.1	12.58×1.7	7.45×8.9
9.25×7.4	4.25×3.8	15.6×1.7
3.9×3.5	6.25×6.8	9.34×7.9



Question 4: Answer the following.

1	Ava used 0.875 kg of flour to bake bread and 0.325 kg of flour to bake a cake. How much flour did she use in total?
2	Daniel bought a toy for \$49.75 and a remote-controlled car for \$82.60. If he paid with two \$100 bills, how much change did he receive?
3	Julia bought 1.2 dozen donuts to sell at her bakery. If each donut costs \$0.75, how much money does she make if she sells them all?
4	The Smith family traveled 125.5 kilometers on Monday and 88.25 kilometers on Tuesday. How many kilometers did they travel in total over the two days?



5	Lucas is creating a mosaic using tiles that are 0.35 meters wide and 0.45 meters long. If he covers an area of 4.5 square meters, how many tiles did he use?
6	In a chemistry experiment, Lily mixed 2.75 liters of Solution X with 3.5 liters of Solution Y. What is the total volume of the mixture?
7	A school team solved 0.45 of the math problems in the first round and 0.75 of the problems in the second round. What fraction of the total problems did they solve?
8	A group of scientists collected 6.25 liters of water samples from one site and 3.6 liters from another site. What is the total volume of water they collected?



9	Emily has a collection of coins worth \$5.90. She wants to add a coin worth \$2.25 to her collection. How much will her collection be worth then?
10	Mr. Johnson's garden was 6.35 meters long. He extended it by an additional 2.5 meters. What is the new length of the garden?



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Answer Key

Question 1:

$3.25 + 1.7 = 4.95$	$6.9 + 2.13 = 9.03$	$8.75 - 4.2 = 4.55$
$5.67 + 3.42 = 9.09$	$12.58 - 6.73 = 5.85$	$7.45 + 0.86 = 8.31$
$9.25 - 3.9 = 5.35$	$4.25 + 2.18 = 6.43$	$15.6 - 8.25 = 7.35$
$3.9 + 0.67 = 4.57$	$6.25 - 1.98 = 4.27$	$9.34 + 5.21 = 14.55$

Question 2: Answer the following.

$3.25 \times 5 = 16.25$	$6.9 \times 8 = 55.2$	$8.75 \times 9 = 78.75$
$5.67 \times 4 = 22.68$	$12.58 \times 10 = 125.8$	$7.45 \times 6 = 44.7$
$9.25 \times 7 = 64.75$	$4.25 \times 3 = 12.75$	$15.6 \times 11 = 171.6$
$3.9 \times 12 = 46.8$	$6.25 \times 13 = 81.25$	$9.34 \times 14 = 130.76$

Question 3: Answer the following.

$3.25 \times 6.5 = 21.125$	$6.9 \times 1.2 = 8.28$	$8.75 \times 2.5 = 21.875$
$5.67 \times 7.1 = 40.257$	$12.58 \times 1.7 = 21.386$	$7.45 \times 8.9 = 66.305$
$9.25 \times 7.4 = 68.45$	$4.25 \times 3.8 = 16.15$	$15.6 \times 1.7 = 26.52$
$3.9 \times 3.5 = 13.65$	$6.25 \times 6.8 = 42.5$	$9.34 \times 7.9 = 73.786$



Question 4: Answer the following.

1	<p>Ava used 0.875 kg of flour to bake bread and 0.325 kg of flour to bake a cake. How much flour did she use in total?</p> <p>Answer: 1.2 kg</p>
2	<p>Daniel bought a toy for \$49.75 and a remote-controlled car for \$82.60. If he paid with a \$100 bill, how much change did he receive?</p> <p>Answer: \$67.65</p>
3	<p>Julia bought 1.2 dozen donuts to sell at her bakery. If each donut costs \$0.75, how much money does she make if she sells them all?</p> <p>Answer: \$9.00</p>
4	<p>The Smith family traveled 125.5 kilometers on Monday and 88.25 kilometers on Tuesday. How many kilometers did they travel in total over the two days?</p> <p>Answer: 213.75 kilometers</p>
5	<p>Lucas is creating a mosaic using tiles that are 0.35 meters wide and 0.45 meters long. If he covers an area of 4.5 square meters, how many tiles did he use?</p> <p>Answer: 180 tiles</p>
6	<p>In a chemistry experiment, Lily mixed 2.75 liters of Solution X with 3.5 liters of Solution Y. What is the total volume of the mixture?</p> <p>Answer: 6.25 liters</p>
7	<p>A school team solved 0.45 of the math problems in the first round and 0.75 of the problems in the second round. What fraction of the total problems did they solve?</p> <p>Answer: 0.3375 (or 33.75%)</p>
8	<p>A group of scientists collected 6.25 liters of water samples from one site and 3.6 liters from another site. What is the total volume of water</p>



	<p>they collected?</p> <p>Answer: 9.85 liters</p>
9	<p>Emily has a collection of coins worth \$5.90. She wants to add a coin worth \$2.25 to her collection. How much will her collection be worth then?</p> <p>Answer: \$8.15</p>
10	<p>Mr. Johnson's garden was 6.35 meters long. He extended it by an additional 2.5 meters. What is the new length of the garden?</p> <p>Answer: 8.85 meters</p>