

To multiply a 2-digit number by a 1-digit number (with exchange) - Questions

1. Use base 10 to calculate the multiplication problems below. Remember to exchange if you need to.

a.

	3	3
x		5

b.

	2	1
x		8

c.

	2	5
x		3

d.

	3	4
x		3

2. Look at these calculations. For each one say whether it is correct or incorrect. Find the correct answer for any that are wrong. Can you explain the mistake?

a.

	3	3
x		4
1	3	2

b.

	3	5
x		3
9	1	5

c.

	4	2
x		6
2	4	2

d.

	5	3
x		2
1	0	6

3. Play 'how close can you get to 100?' with a partner. Use the starter number given and each roll a dice to complete the multiplication. Use base 10 or place value counters to calculate the answer. The closest to 100 wins a point for each round.

Round 1

	1	8
x		<input type="text"/>

Round 2

	2	4
x		<input type="text"/>

Round 3

	2	8
x		<input type="text"/>

Round 4

	3	6
x		<input type="text"/>

To multiply a 2-digit number by a 1-digit number (with exchange) - Answers

Question No.	Question	Answer
1	a. to d. Use base 10 to calculate the multiplication problems below. Remember to exchange if you need to.	a. $33 \times 5 = 165$ b. $21 \times 8 = 168$ c. $25 \times 3 = 75$ d. $34 \times 3 = 102$
2	a. to d. Look at these calculations. For each one say whether it is correct or incorrect. Find the correct answer for any that are wrong. Can you explain the mistake?	a. Correct b. Incorrect. The exchange has not been performed correctly. The 9 tens should be added to the 1 ten the correct answer is 105 c. Incorrect. They have forgotten to add on the 10 from $6 \times 2 = 12$. The correct answer is 252 d. Correct
3	Play 'how close can you get to 100?' with a partner. Use the starter number given and each roll a dice to complete the multiplication. Use base 10 or place value counters to calculate the answer. The closest to 100 wins a point for each round.	Answers will vary. a. The closest possible answer is $18 \times 6 = 108$ b. The closest possible answer is $24 \times 4 = 96$ c. The closest possible answer is $28 \times 4 = 112$ d. The closest possible answer is $36 \times 3 = 108$