Name:

Diveodile's Multiplication Quest

Help Diveodile solve the multiplication questions below!

1. 8 x 5 =

2. 9 x 2 =

3. 2 x 3 =

4. 1 x 4 =

5. 4 x 9 =

6. 6 x 3 =

7. 7 x 7 =

8. 3 x 8 =

9. 9 x 8 =

10. 2 x 1 =

11. 8 x 0 =

12. 9 x 7 =

13. 6 x 2 =

14. 5 x 6 =

15. 7 x 4 =

16. 4 x 4 =

17. 5 x 3 =

18. 1 x 0 =

19. 4 x 6 =

20. 7 x 8 =

Diveodile's Multiplication Quest:

Multiplication Facts (0-9)

Answer Key

1. 8 x 5 = 40

2. 9 x 2 = 18

3. 2 x 3 = 6

4. 1 x 4 = 4

5. 4 x 9 = 36

6. 6 x 3 = 18

7. 7 x 7 = 49

8. 3 x 8 = 24

9. 9 x 8 = 72

10. 2 x 1 = 2

11. 8 x 0 = 0

12. 9 x 7 = 63

13. 6 x 2 = 12

14. 5 x 6 = 30

15. 7 x 4 = 28

16. 4 x 4 = 16

17. 5 x 3 = 15

18. 1 x 0 = 0

19. 4 x 6 = 24

20. 7 x 8 = 56

prodigy

Name:

Luma's Multiplication Quest

Help Luma solve the multiplication questions below!

1.	9 x 7 =		**2.**	6 x 7 =
3.	4 x 2 =		**4.**	8 x 1=
5.	9 x 3 =		**6.**	5 x 5 =
7.	8 x 6 =		**8.**	2 x 2 =
9.	3 x 0 =		**10.**	4 x 8 =
11.	7 x 5 =		**12.**	9 x 6 =
13.	1 x 1 =		**14.**	8 x 8 =
15.	2 x 5 =		**16.**	3 x 6 =
17.	5 x 9 =		**18.**	9 x 4 =
19.	3 x 8 =		**20.**	7 x 2 =

Luma's Multiplication Quest:

Multiplication Facts (0-9)

Answer Key

1.   9 x 7 = 63

2.   6 x 7 = 42

3.   4 x 2 = 8

4.   8 x 1 = 8

5.   9 x 3 = 27

6.   5 x 5 = 25

7.   8 x 6 = 48

8.   2 x 2 = 4

9.   3 x 0 = 0

10.   4 x 8 = 32

11.   7 x 5 = 35

12.   9 x 6 = 54

13.   1 x 1 = 1

14.   8 x 8 = 64

15.   2 x 5 = 10

16.   3 x 6 = 18

17.   5 x 9 = 45

18.   9 x 4 = 36

19.   3 x 8 = 24

20.   7 x 2 = 14

prodigy

Name:

Big Hex's Multiplication Quest

Help Big Hex solve the multiplication questions below!

1. 2 x 11 =

2. 6 x 7 =

3. 12 x 5 =

4. 2 x 3 =

5. 10 x 10 =

6. 5 x 4 =

7. 9 x 0 =

8. 11 x 12 =

9. 8 x 8 =

10. 5 x 10 =

11. 4 x 6 =

12. 12 x 2 =

13. 9 x 8 =

14. 7 x 11 =

15. 3 x 10 =

16. 6 x 12 =

17. 2 x 9 =

18. 3 x 3 =

19. 10 x 2 =

20. 10 x 11 =

Big Hex's Multiplication Quest:

Multiplication Tables (0-12)

Answer Key

1. 2 x 11 = 22

2. 6 x 7 = 42

3. 12 x 5 = 60

4. 2 x 3 = 6

5. 10 x 10 = 100

6. 5 x 4 = 20

7. 9 x 0 = 0

8. 11 x 12 = 132

9. 8 x 8 = 64

10. 5 x 10 = 50

11. 4 x 6 = 24

12. 12 x 2 = 24

13. 9 x 8 = 72

14. 7 x 11 = 77

15. 3 x 10 = 30

16. 6 x 12 = 72

17. 2 x 9 = 18

18. 3 x 3 = 9

19. 10 x 2 = 20

20. 10 x 11 = 110

prodigy

Magmischief's Multiplication Quest

Help Magmischief solve the multiplication questions below!

1. 11 x 3 =

2. 6 x 8 =

3. 4 x 7 =

4. 10 x 9 =

5. 6 x 3 =

6. 2 x 4 =

7. 5 x 11 =

8. 8 x 7 =

9. 1 x 11 =

10. 3 x 5 =

11. 12 x 4 =

12. 5 x 7 =

13. 3 x 9 =

14. 10 x 6 =

15. 12 x 0 =

16. 5 x 5 =

17. 7 x 2 =

18. 9 x 8 =

19. 3 x 2 =

20. 11 x 8 =

Magmischief's Multiplication Quest:

Multiplication Tables (0-12)

Answer Key

1. 11 x 3 = 33

2. 6 x 8 = 48

3. 4 x 7 = 28

4. 10 x 9 = 90

5. 6 x 3 = 18

6. 2 x 4 = 8

7. 5 x 11 = 55

8. 8 x 7 = 56

9. 1 x 11 = 11

10. 3 x 5 = 15

11. 12 x 4 = 48

12. 5 x 7 = 35

13. 3 x 9 = 27

14. 10 x 6 = 60

15. 12 x 0 = 0

16. 5 x 5 = 25

17. 7 x 2 = 14

18. 9 x 8 = 72

19. 3 x 2 = 6

20. 11 x 8 = 88

prodigy

Name:

Chill & Char's Match the Answer Multiplication Quest

Help Chill & Char solve each problem below!
Draw a line to match each equation on the left with its answer (product) on the right.

1.   4 x 3 =   **a)**   132

2.   9 x 8 =   **b)**   49

3.   6 x 10 =   **c)**   33

4.   7 x 7 =   **d)**   25

5.   12 x 11 =   **e)**   12

6.   8 x 5 =   **f)**   36

7.   11 x 3 =   **g)**   42

8.   6 x 7 =   **h)**   72

9.   12 x 3 =   **i)**   60

10.   5 x 5 =   **j)**   40

Chill & Char's Match the Answer Multiplication Quest:

Multiplication Tables (0-12)

Answer Key

1. 4 x 3 = e) 12

2. 9 x 8 = h) 72

3. 6 x 10 = i) 60

4. 7 x 7 = b) 49

5. 12 x 11 = a) 132

6. 8 x 5 = j) 40

7. 11 x 3 = c) 33

8. 6 x 7 = g) 42

9. 12 x 3 = f) 36

10. 5 x 5 = d) 25

prodigy

Name:

Arctursus' Multiplication Quest: What Doesn't Belong?

Help Arctursus solve each multiplication problem below!

In each group of equations, three answers are correct and one is NOT correct.

Circle the equation in each group that does NOT have a correct answer.

Group 1: Out of these four equations, which answer is NOT correct?

a) 12 x 12 = 144

b) 9 x 8 = 74

c) 7 x 10 = 70

d) 5 x 9 = 40

Group 2: Out of these four equations, which answer is NOT correct?

a) 11 x 2 = 22

b) 8 x 4 = 32

c) 9 x 7 = 63

d) 6 x 7 = 49

Group 3: Out of these four equations, which answer is NOT correct?

a) 9 x 6 = 54

b) 8 x 8 = 64

c) 11 x 11 = 110

d) 4 x 6 = 24

Arctursus' Multiplication Quest: What Doesn't Belong?

Multiplication Tables (0-12)

Answer Key

Group 1: Out of these four equations, which answer is NOT correct?

a) 12 x 12 = 144

b) 9 x 8 = 74

c) 7 x 10 = 70

d) 5 x 9 = 40

Actual answer: 9 x 8 = 72

Group 2: Out of these four equations, which answer is NOT correct?

a) 11 x 2 = 22

b) 8 x 4 = 32

c) 9 x 7 = 63

d) 6 x 7 = 49

Actual answer: 6 x 7 = 42

Group 3: Out of these four equations, which answer is NOT correct?

a) 9 x 6 = 54

b) 8 x 8 = 64

c) 11 x 11 = 110

d) 4 x 6 = 24

Actual answer: 11 x 11 = 121

prodigy

Name:

Tidus' Multiplication Quest

Help Tidus solve the multiplication questions with multiples of 10 below!

1. $2 \times 10 =$

2. $5 \times 20 =$

3. $7 \times 70 =$

4. $9 \times 10 =$

5. $4 \times 90 =$

6. $6 \times 30 =$

7. $1 \times 50 =$

8. $3 \times 80 =$

9. $8 \times 40 =$

10. $4 \times 60 =$

11. $8 \times 10 =$

12. $9 \times 70 =$

13. $6 \times 20 =$

14. $5 \times 60 =$

15. $2 \times 90 =$

16. $6 \times 40 =$

17. $5 \times 10 =$

18. $3 \times 50 =$

19. $7 \times 20 =$

20. $8 \times 30 =$

Bonus Question: What do you notice about multiplying numbers by multiples of 10?

A: _____

prodigy

Tidus' Multiplication Quest:

Multiply Multiples of 10

Answer Key

1.   2 x 10 = 20   2.   5 x 20 = 100

3.   7 x 70 = 490   4.   9 x 10 = 90

5.   4 x 90 = 360   6.   6 x 30 = 180

7.   1 x 50 = 50   8.   3 x 80 = 240

9.   8 x 40 = 320   10.   4 x 60 = 240

11.   8 x 10 = 80   12.   9 x 70 = 630

13.   6 x 20 = 120   14.   5 x 60 = 300

15.   2 x 90 = 180   16.   6 x 40 = 240

17.   5 x 10 = 50   18.   3 x 50 = 150

19.   7 x 20 = 140   20.   3 x 30 = 90

Bonus Question: What do you notice about multiplying numbers by multiples of 10?

A: To multiply multiples of 10, remove the zero from the multiple of 10 and multiply the remaining two numbers. Then, add the zero to your answer again.
For example, in the equation 2 x 10:

Remove the zero: 2 x 1 = ?
Solve: 2 x 1 = 2
Add the zero again: 2 x 10 = 20

prodigy

Name:

Big Hex's Multiplication Quest

Help Big Hex solve the multiplication property questions below!

Which multiplication property does the multiplication sentence show? Circle the correct answer for each question.

1. 1 x 0 = 0

a) Zero element
b) Identity element
c) Commutative

2. 4 x 1 = 4

a) Associative
b) Identity element
c) Distributive

3. 3 x 7 = 7 x 3

a) Identity element
b) Commutative
c) Associative

4. 4 x (5 + 7) = (4 x 5) + (4 x 7)

a) Distributive
b) Associative
c) Commutative

5. 12 x 0 = 0

a) Identity element
b) Commutative
c) Zero element

6. (3 x 4) x 5 = 3 x (4 x 5)

a) Identity element
b) Associative
c) Distributive

7. 1 x 9 = 9

a) Identity element
b) Commutative
c) Identity element

8. (3 + 8) x 2 = (3 x 2) + (8 x 2)

a) Commutative
b) Distributive
c) Zero element

9. (2 x 3) x 4 = 2 x (3 x 4)

a) Identity element
b) Commutative
c) Associative

10. 5 x 9 = 9 x 5

a) Commutative
b) Distributive
c) Associative

Big Hex's Multiplication Quest:

Multiplication Properties

Answer Key

1. 1 x 0 = 0

a) ~~Zero element~~
b) ~~Identity element~~
c) Commutative

2. 4 x 1 = 4

a) ~~Associative~~
b) ~~Identity element~~
c) ~~Distributive~~

3. 3 x 7 = 7 x 3

a) ~~Identity element~~
b) ~~Commutative~~
c) ~~Associative~~

4. 4 x (5 + 7) = (4 x 5) + (4 x 7)

a) ~~Distributive~~
b) ~~Associative~~
c) Commutative

5. 12 x 0 = 0

a) Identity element
b) ~~Commutative~~
c) ~~Zero element~~

6. (3 x 4) x 5 = 3 x (4 x 5)

a) Identity element
b) ~~Associative~~
c) ~~Distributive~~

7. 1 x 9 = 9

a) Identity element
b) Commutative
c) ~~Identity element~~

8. (3 + 8) x 2 = (3 x 2) + (8 x 2)

a) ~~Commutative~~
b) ~~Distributive~~
c) ~~Zero element~~

9. (2 x 3) x 4 = 2 x (3 x 4)

a) Identity element
b) Commutative
c) ~~Associative~~

10. 5 x 9 = 9 x 5

a) ~~Commutative~~
b) ~~Distributive~~
c) Associative

Name:

Eclipse's Multiplication Quest

Help Eclipse solve the multiplication word problems below!

1. Eclipse has 4 bags of marbles, each with 2 marbles in them.
    How many marbles does Eclipse have?

2. Battabash has 3 trays of ice, with 9 ice cubes in each of them.
    How many ice cubes does Battabash have?

3. Lumiot and Mystyyk are having candy together. Together, they have 6 bags
    of candy, each with 5 pieces of candy in them.
    How many pieces of candy do Lumiot and Mystyyk have?

4. TripTrop has 2 boxes of flowers, each with 4 flowers in them.
    How many flowers does TripTrop have?

5. Frostfang has 7 containers of snowballs, with 3 snowballs in each container.
    How many snowballs does Frostfang have?

prodigy

Eclipse's Multiplication Quest:

Multiplication Word Problems (0-9)

Answer Key

1. Eclipse has 4 bags of marbles, each with 2 marbles in them.
    How many marbles does Eclipse have?

    $$4 \times 2 = 8$$

2. Battabash has 3 trays of ice, with 9 ice cubes in each of them.
    How many ice cubes does Battabash have?

    $$3 \times 9 = 27$$

3. Lumiot and Mystyyk are having candy together. Together, they have 6 bags
    of candy, each with 5 pieces of candy in them.
    How many pieces of candy do Lumiot and Mystyyk have?

    $$6 \times 5 = 30$$

4. TripTrop has 2 boxes of flowers, each with 4 flowers in them.
    How many flowers does TripTrop have?

    $$2 \times 4 = 8$$

5. Frostfang has 7 containers of snowballs, with 3 snowballs in each container.
    How many snowballs does Frostfang have?

    $$7 \times 3 = 21$$

Name:

Luma's Multiplication Quest

Help Luma solve the multiplication word problems below!
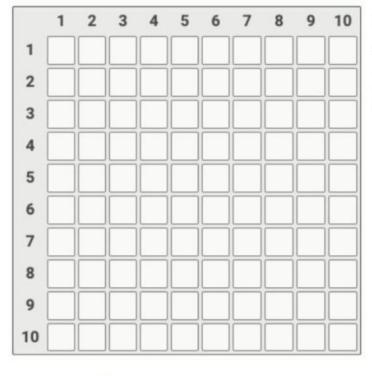Colour in the squares to create an **array** that represents each equation.
Then, solve to find the product.

	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

Question 1

You have 8 rows of books on your bookshelf.
Each row has 6 books.
How many books do you have altogether?

	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

Question 2

You have 4 rows of stickers in your sticker
book. Each row has 5 stickers.
How many stickers do you have altogether?

Luma's Multiplication Quest:

Multiplication Word Problems - Arrays

Answer Key

	1	2	3	4	5	6	7	8	9	10
1	🟩	🟩	🟩	🟩	🟩	🟩				
2	🟩	🟩	🟩	🟩	🟩	🟩				
3	🟩	🟩	🟩	🟩	🟩	🟩				
4	🟩	🟩	🟩	🟩	🟩	🟩				
5	🟩	🟩	🟩	🟩	🟩	🟩				
6	🟩	🟩	🟩	🟩	🟩	🟩				
7	🟩	🟩	🟩	🟩	🟩	🟩				
8	🟩	🟩	🟩	🟩	🟩	🟩				
9										
10										

Question 1
You have 8 rows of books on your bookshelf. Each row has 6 books.
How many books do you have altogether?

$8 \times 6 = 48$

	1	2	3	4	5	6	7	8	9	10
1	🟩	🟩	🟩	🟩	🟩					
2	🟩	🟩	🟩	🟩	🟩					
3	🟩	🟩	🟩	🟩	🟩					
4	🟩	🟩	🟩	🟩	🟩					
5										
6										
7										
8										
9										
10										

Question 2
You have 4 rows of stickers in your sticker book. Each row has 5 stickers.
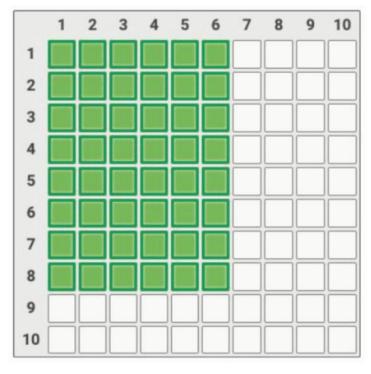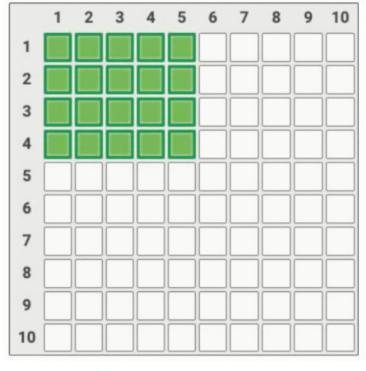**How many stickers do you have altogether?**

$4 \times 5 = 20$