

Multiplying by 2, 4 and 8

1. a) Fill in the missing multiples of 2.

2, __, 6, __, 10, __, 14, __, __, 20.

b) Fill in the missing multiples of 4.

4, __, 12, __, __, 24, __, 32, __.

c) Fill in the missing multiples of 8.

8, __, 24, __, 40, __, 56, __.

2. Complete the addition sentences.

a) $8 \times 2 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

b) $10 \times 4 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

c) $5 \times 8 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

3. Complete the multiplication sentences.

a) $2 + 2 + 2 + 2 + 2 + 2 + 2 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

b) $4 + 4 + 4 + 4 + 4 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

c) $8 + 8 + 8 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

4. a) $3 \times 2 = \underline{\quad}$ b) $5 \times 4 = \underline{\quad}$ c) $2 \times 8 = \underline{\quad}$

d) $5 \times 8 = \underline{\quad}$ e) $6 \times 4 = \underline{\quad}$ f) $10 \times 2 = \underline{\quad}$

5. a)
$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

e)
$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$

f)
$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

g)
$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

h)
$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

6. Colour all the multiples of 2 red.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

7. Colour all the multiples of 4 yellow.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

8. Colour all the multiples of 8 blue.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

9. Which numbers on the hundred square are multiples of 2, 4 and 8?

10. There are two socks in a pair. How many would there be in:

10 pairs? _____ 5 pairs? _____ 8 pairs? _____ 12 pairs? _____

11. Tom and five of his friends went to a party on their bicycles.
How many wheels were there altogether on their bicycles?

12. There are 8 crayons in a packet. Ms. Smith bought 8 packets for his class.
How many crayons were there altogether?

13. Emily went to the shop and bought 3 bunches of bananas. There were 4 bananas in each bunch. How many did she buy altogether?

14. Sally was going to Funzone for her birthday. All of her friends were going to have dinner there. She invited 7 people.

a) Each child would get 4 chicken goujons. How many goujons would be needed altogether?

b) They were going to get 2 slices of pizza each. How many slices would be needed altogether?

15. a) _____ \times 2 = 10 b) 5 \times _____ = 20 c) _____ \times 8 = 24

d) 10 \times _____ = 80 e) _____ \times 2 = 18 f) _____ \times 4 = 16

Multiplying by 2, 4 and 8 Answers

1. a) Fill in the missing multiples of 2.

2, **4**, 6, **8**, 10, **12**, 14, **16**, **18**, 20.

b) Fill in the missing multiples of 4.

4, **8**, 12, **16**, **20**, 24, **28**, 32, **36**.

c) Fill in the missing multiples of 8.

8, **16**, 24, **32**, 40, **48**, 56, **64**.

2. Complete the addition sentences.

a) $8 \times 2 = 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16$

b) $10 \times 4 = 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 = 40$

c) $5 \times 8 = 8 + 8 + 8 + 8 + 8 = 40$

3. Complete the multiplication sentences.

a) $2 + 2 + 2 + 2 + 2 + 2 + 2 = 7 \times 2 = 14$

b) $4 + 4 + 4 + 4 + 4 = 5 \times 4 = 20$

c) $8 + 8 + 8 = 3 \times 8 = 24$

4. a) $3 \times 2 = 6$

b) $5 \times 4 = 20$

c) $2 \times 8 = 16$

d) $5 \times 8 = 40$

e) $6 \times 4 = 24$

f) $10 \times 2 = 20$

5. a)
$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

6

b)
$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

12

c)
$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

12

d)
$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

32

e)
$$\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$$

0

f)
$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

20

g)
$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

18

h)
$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

32

6. Colour all the multiples of 2 red.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

7. Colour all the multiples of 4 yellow.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

8. Colour all the multiples of 8 blue.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

9. Which numbers on the hundred square are multiples of 2, 4 and 8?

8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96

10. There are two socks in a pair. How many would there be in:

10 pairs? **20**

5 pairs? **10**

8 pairs? **16**

12 pairs? **24**

11. Tom and five of his friends went to a party on their bicycles.

How many wheels were there altogether on their bicycles?

12

12. There are 8 crayons in a packet. Ms. Smith bought 8 packets for his class.

How many crayons were there altogether?

64

13. Emily went to the shop and bought 3 bunches of bananas. There were 4 bananas in each bunch. How many did she buy altogether?

12

14. Sally was going to Funzone for her birthday. All of her friends were going to have dinner there. She invited 7 people.

a) Each child would get 4 chicken goujons. How many goujons would be needed altogether?

32

b) They were going to get 2 slices of pizza each. How many slices would be needed altogether?

16

15. a) $5 \times 2 = 10$

b) $5 \times 10 = 20$

c) $3 \times 8 = 24$

d) $10 \times 8 = 80$

e) $9 \times 2 = 18$

f) $4 \times 4 = 16$