Grade 3 Times Tables Workbook

6 lessons · printable · answer key at the back

Name _____ Date _____

Contents

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Equal Groups: the 2 Times Table

WORKED EXAMPLE

$10 \times 2 = 20$

1. The 2 times table

Work out each product.

1 $2 \times 2 =$ ___

2 $4 \times 2 =$ ___

3 $6 \times 2 =$ ___

4 $3 \times 2 =$ ___

5 $1 \times 2 =$ ___

6 $5 \times 2 =$ ___

7 $9 \times 2 =$ ___

8 $7 \times 2 =$ ___

9 $8 \times 2 =$ ___

2. Word problems

Read each problem. Write the answer.

10 Ravi filled 2 feed bags with 7 treats in each.

How many treats does Ravi have in all?

_____

The 5 and 10 Times Tables

WORKED EXAMPLE

$6 \times 5 = 30$

3. The 5 times table

Work out each product.

1 $3 \times 5 =$ ___

2 $5 \times 5 =$ ___

3 $2 \times 5 =$ ___

4 $4 \times 5 =$ ___

4. The 10 times table

Work out each product.

5 $4 \times 10 =$ ___

6 $5 \times 10 =$ ___

7 $2 \times 10 =$ ___

8 $3 \times 10 =$ ___

9 $8 \times 10 =$ ___

10 $1 \times 10 =$ ___

5. Word problems

Read each problem. Write the answer.

11 Milo filled 6 hutches with 2 food pellets in each.

How many food pellets does Milo have in all?

_____

The 3 and 4 Times Tables

WORKED EXAMPLE

$5 \times 3 = 15$

6. The 3 times table

Work out each product.

1 $1 \times 3 =$ ___

2 $7 \times 3 =$ ___

3 $2 \times 3 =$ ___

4 $9 \times 3 =$ ___

5 $4 \times 3 =$ ___

7. The 4 times table

Work out each product.

6 $2 \times 4 =$ ___

7 $6 \times 4 =$ ___

8 $3 \times 4 =$ ___

9 $8 \times 4 =$ ___

10 $4 \times 4 =$ ___

8. Word problems

Read each problem. Write the answer.

11 Rosa filled 3 boxes with 3 cookies in each.

How many cookies does Rosa have in all?

_____

The 6 and 7 Times Tables

WORKED EXAMPLE

$8 \times 6 = 48$

9. The 6 times table

Work out each product.

1 $2 \times 6 =$ ___

2 $5 \times 6 =$ ___

3 $3 \times 6 =$ ___

4 $9 \times 6 =$ ___

5 $7 \times 6 =$ ___

6 $4 \times 6 =$ ___

7 $10 \times 6 =$ ___

8 $1 \times 6 =$ ___

9 $6 \times 6 =$ ___

10. The 7 times table

Work out each product.

10 $3 \times 7 =$ ___

11 $7 \times 7 =$ ___

12 $2 \times 7 =$ ___

13 $9 \times 7 =$ ___

14 $5 \times 7 =$ ___

15 $1 \times 7 =$ ___

16 $10 \times 7 =$ ___

17 $4 \times 7 =$ ___

18 $6 \times 7 =$ ___

19 $8 \times 7 =$ ___

11. The 7 times table

Write the missing number in each one.

20 ___ $\times 7 = 28$

21 ___ $\times 7 = 49$

22 ___ $\times 7 = 7$

23 ___ $\times 7 = 63$

24 ___ $\times 7 = 42$

The 8 and 9 Times Tables

WORKED EXAMPLE

$2 \times 8 = 16$

12. The 8 times table

Work out each product.

1 $3 \times 8 =$ ___

2 $5 \times 8 =$ ___

3 $9 \times 8 =$ ___

4 $4 \times 8 =$ ___

5 $6 \times 8 =$ ___

6 $10 \times 8 =$ ___

7 $7 \times 8 =$ ___

8 $1 \times 8 =$ ___

9 $8 \times 8 =$ ___

13. The 9 times table

Work out each product.

10 $3 \times 9 =$ ___

11 $5 \times 9 =$ ___

12 $8 \times 9 =$ ___

13 $2 \times 9 =$ ___

14 $7 \times 9 =$ ___

15 $10 \times 9 =$ ___

16 $6 \times 9 =$ ___

17 $4 \times 9 =$ ___

18 $9 \times 9 =$ ___

14. Word problems

Read each problem. Write the answer.

19 Ravi filled 3 hutches with 2 food pellets in each.

How many food pellets does Ravi have in all?

_____

20 Ravi filled 3 hutches with 8 food pellets in each.

How many food pellets does Ravi have in all?

_____

Mixed Times Tables

WORKED EXAMPLE

$4 \times 2 = 8$

15. Multiplication

Work out each product.

1 $6 \times 4 =$ ___

2 $3 \times 2 =$ ___

3 $8 \times 6 =$ ___

4 $2 \times 9 =$ ___

5 $10 \times 4 =$ ___

6 $10 \times 2 =$ ___

7 $9 \times 8 =$ ___

8 $2 \times 2 =$ ___

9 $9 \times 6 =$ ___

10 $9 \times 3 =$ ___

11 $6 \times 8 =$ ___

12 $7 \times 6 =$ ___

13 $8 \times 4 =$ ___

14 $7 \times 8 =$ ___

15 $1 \times 3 =$ ___

16 $7 \times 7 =$ ___

16. Word problems

Read each problem. Write the answer.

17 Jordan filled 4 shelves with 6 notebooks in each.

How many notebooks does Jordan have in all?

_____

18 Dev filled 5 boxes with 3 croissants in each.

How many croissants does Dev have in all?

_____

Answer Key (1 of 2)

Equal Groups: the 2 Times Table

The 2 times table

1. 2 × 2 = 4
2. 4 × 2 = 8
3. 6 × 2 = 12
4. 3 × 2 = 6
5. 1 × 2 = 2
6. 5 × 2 = 10
7. 9 × 2 = 18
8. 7 × 2 = 14
9. 8 × 2 = 16

Word problems

10. 2 × 7 = 14 treats

The 5 and 10 Times Tables

The 5 times table

1. 3 × 5 = 15
2. 5 × 5 = 25
3. 2 × 5 = 10
4. 4 × 5 = 20

The 10 times table

5. 4 × 10 = 40
6. 5 × 10 = 50
7. 2 × 10 = 20
8. 3 × 10 = 30
9. 8 × 10 = 80
10. 1 × 10 = 10

Word problems

11. 6 × 2 = 12 food pellets

The 3 and 4 Times Tables

The 3 times table

1. 1 × 3 = 3
2. 7 × 3 = 21
3. 2 × 3 = 6
4. 9 × 3 = 27
5. 4 × 3 = 12

The 4 times table

6. 2 × 4 = 8
7. 6 × 4 = 24
8. 3 × 4 = 12
9. 8 × 4 = 32
10. 4 × 4 = 16

The 3 and 4 Times Tables (continued)

Word problems

11. 3 × 3 = 9 cookies

The 6 and 7 Times Tables

The 6 times table

1. 2 × 6 = 12
2. 5 × 6 = 30
3. 3 × 6 = 18
4. 9 × 6 = 54
5. 7 × 6 = 42
6. 4 × 6 = 24
7. 10 × 6 = 60
8. 1 × 6 = 6
9. 6 × 6 = 36

The 7 times table

10. 3 × 7 = 21
11. 7 × 7 = 49
12. 2 × 7 = 14
13. 9 × 7 = 63
14. 5 × 7 = 35
15. 1 × 7 = 7
16. 10 × 7 = 70
17. 4 × 7 = 28
18. 6 × 7 = 42
19. 8 × 7 = 56

The 7 times table

20. 4 × 7 = 28
21. 7 × 7 = 49
22. 1 × 7 = 7
23. 9 × 7 = 63
24. 6 × 7 = 42

The 8 and 9 Times Tables

The 8 times table

1. 3 × 8 = 24
2. 5 × 8 = 40
3. 9 × 8 = 72
4. 4 × 8 = 32
5. 6 × 8 = 48
6. 10 × 8 = 80
7. 7 × 8 = 56
8. 1 × 8 = 8
9. 8 × 8 = 64

Answer Key (2 of 2)

The 8 and 9 Times Tables (continued)

The 9 times table

10. 3 × 9 = 27
11. 5 × 9 = 45
12. 8 × 9 = 72
13. 2 × 9 = 18
14. 7 × 9 = 63
15. 10 × 9 = 90
16. 6 × 9 = 54
17. 4 × 9 = 36
18. 9 × 9 = 81

Word problems

19. 3 × 2 = 6 food pellets
20. 3 × 8 = 24 food pellets

Mixed Times Tables

Multiplication

1. 6 × 4 = 24
2. 3 × 2 = 6
3. 8 × 6 = 48
4. 2 × 9 = 18
5. 10 × 4 = 40
6. 10 × 2 = 20
7. 9 × 8 = 72
8. 2 × 2 = 4
9. 9 × 6 = 54
10. 9 × 3 = 27
11. 6 × 8 = 48
12. 7 × 6 = 42
13. 8 × 4 = 32
14. 7 × 8 = 56
15. 1 × 3 = 3
16. 7 × 7 = 49

Word problems

17. 4 × 6 = 24 notebooks
18. 5 × 3 = 15 croissants

Solutions

Equal Groups: the 2 Times Table

Word problems

10. Ravi filled 2 feed bags with 7 treats in each.

How many treats does Ravi have in all? ___

asked:

How many treats does Ravi have in all?

2 × 7 = 14

14 treats

Read it through once and do NOTHING. Grabbing the numbers on the first read means choosing an operation before you know the story, and that choice is the only hard part of a word problem.

Now the numbers: 2 and 7. Finding them is not the same as knowing what to do with them — that comes next, and it comes from the story rather than from the numbers.

Equal groups, and you are told how many groups and how big each one is — that is a multiplication, and adding the two numbers is the mistake the story is set up to catch. So this one is a multiplication: 2 × 7.

2 × 7 = 14 treats. And answer the question that was ASKED — "How many treats does Ravi have in all?" — in treats, because the sum on its own is not yet an answer.