

## WORKSHEET 1: DIVISIBILITY RULE FOR 2 – Even Numbers

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

Draw an array and write the multiplication sentence.

1.  $3 \times 5$

2.  $4 \times 6$

3.  $7 \times 3$

4.  $2 \times 8$

5.  $5 \times 4$

6.  $6 \times 2$

7.  $8 \times 3$

8.  $9 \times 2$

9.  $4 \times 7$

10.  $3 \times 6$

11.  $5 \times 5$

12.  $6 \times 4$

13.  $7 \times 2$

14.  $2 \times 9$

15.  $3 \times 8$

16.  $4 \times 4$

17.  $5 \times 2$

18.  $6 \times 3$

19.  $2 \times 7$

20.  $4 \times 8$

## WORKSHEET 2: Division with Arrays

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Draw the array to find the answer..

1.  $12 \div 3 =$

2.  $20 \div 4 =$

3.  $18 \div 6 =$

4.  $24 \div 8 =$

5.  $15 \div 5 =$

6.  $14 \div 7 =$

7.  $16 \div 4 =$

8.  $9 \div 3 =$

9.  $8 \div 2 =$

10.  $30 \div 5 =$

11.  $12 \div 2 =$

12.  $21 \div 7 =$

13.  $18 \div 3 =$

14.  $36 \div 6 =$

15.  $25 \div 5 =$

16.  $10 \div 2 =$

17.  $28 \div 4 =$

18.  $32 \div 8 =$

19.  $27 \div 3 =$

20.  $40 \div 5 =$

21.  $24 \div 6 =$

22.  $14 \div 2 =$

## WORKSHEET 3: Draw Diagrams

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Draw a diagram to solve the problem, then write the number sentence

1. 4 baskets with 6 apples each.

*Diagram:* Draw 4 circles (baskets) and put 6 dots in each.

*Number Sentence:* \_\_\_\_\_

2. 5 boxes with 7 chocolates each.

*Diagram:* Draw 5 squares (boxes) and put 7 dots in each.

*Number Sentence:* \_\_\_\_\_

3. 3 rows of 8 chairs each.

*Diagram:* Draw 3 horizontal rows with 8 dots in each row.

*Number Sentence:* \_\_\_\_\_

4. 6 tables with 9 books each.

*Diagram:* Draw 6 rectangles and put 9 marks in each.

*Number Sentence:* \_\_\_\_\_

5. 8 children share 24 pencils equally.

*Diagram:* Draw 8 stick figures and "deal out" 24 dots one by one until they are gone.

*Number Sentence:* \_\_\_\_\_

6. 12 cookies shared among 4 plates.

*Diagram:* Draw 4 plates and distribute 12 dots equally.

*Number Sentence:* \_\_\_\_\_

7. 9 baskets with 5 oranges each.

*Diagram:* Draw 9 small circles and put 5 dots in each.

*Number Sentence:* \_\_\_\_\_

8. 10 students share 30 stickers.

*Diagram:* Draw 10 circles and divide 30 dots among them.

*Number Sentence:* \_\_\_\_\_

9. 7 tables with 6 pens each.

*Diagram:* Draw 7 rectangles and put 6 marks in each.

*Number Sentence:* \_\_\_\_\_

10. 15 candies shared among 5 friends.

*Diagram:* Draw 5 circles and distribute 15 dots.

*Number Sentence:* \_\_\_\_\_

11. 2 packs with 12 crayons each.

*Diagram:* Draw 2 large containers and put 12 lines in each.

*Number Sentence:* \_\_\_\_\_

12. 3 gardens with 8 flowers each.

*Diagram:* Draw 3 patches and put 8 flower shapes in each.

*Number Sentence:* \_\_\_\_\_

## WORKSHEET 4: Think Boards

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

Solve using array, diagram, and number sentence.

1.  $3 \times 4$

2.  $6 \times 5$

3.  $7 \times 2$

4.  $8 \times 3$

5.  $4 \times 6$

6.  $5 \times 7$

7.  $9 \times 3$

8.  $2 \times 8$

9.  $6 \times 4$

10.  $3 \times 9$

11.  $7 \times 5$

12.  $4 \times 8$

13.  $5 \times 6$

14.  $8 \times 2$

15.  $9 \times 4$

## WORKSHEET 5: Real-Life Visual Problems

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Draw and Solve Everyday Maths Problems

1. **6 bags with 4 apples in each bag.** How many apples are there in total?
2. **20 pencils shared equally among 5 students.** How many pencils does each student get?
3. **8 rows of 4 trees in a park.** How many trees are there altogether?
4. **3 boxes with 12 donuts in each box.** How many donuts are there in total?
5. **24 juice boxes shared among 4 sports teams.** How many boxes does each team get?
6. **9 groups of 3 birds on a fence.** How many birds are there in total?
7. **35 stickers shared equally by 7 friends.** How many stickers does each friend receive?
8. **4 cars with 5 people in each car.** How many people are traveling in total?
9. **10 baskets with 8 mangoes in each.** How many mangoes are there altogether?
10. **16 slices of pizza shared among 8 children.** How many slices does each child get?
11. **7 shelves with 5 trophies on each shelf.** How many trophies are there in total?
12. **40 beads shared equally among 10 jars.** How many beads are in each jar?
13. **5 packs of 9 trading cards each.** How many cards are there in total?
14. **18 fish shared among 2 fish tanks.** How many fish are in each tank?
15. **2 rows of 11 students standing in line.** How many students are there in total?

## WORKSHEET 6: Mixed Practice – Arrays, Diagrams & Think Boards

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Solve and Represent in Any Way

1.  $6 \times 4$

2.  $12 \div 3$

3.  $5 \times 9$

4.  $18 \div 6$

5.  $3 \times 7$

6.  $21 \div 3$

7.  $8 \times 5$

8.  $40 \div 8$

9.  $4 \times 6$

10.  $24 \div 4$

11. Draw an array for  $3 \times 8$

12. Draw a diagram for  $20 \div 5$

13. Solve  $5 \times 7$  using a Think Board

14.  $16 \div 4$  with array & diagram

15. Create a number sentence from “6 baskets with 9 apples each”