

Grade 3 · Understanding Division · Worksheet

Common Core 3.OA.A.2, 3.OA.A.4, 3.OA.B.6 · mathovore.fr

Name: _____ Date: ____/____/____ Score: _____

These 24 problems practice the meaning of division for Grade 3 (standards 3.OA.A.2, 3.OA.A.4 and 3.OA.B.6). Students share and group objects, treat division as an unknown-factor problem, and find missing numbers in equations. The last problems are word problems that use two steps.

Grade 3 Common Core: 3.OA.A.2 · 3.OA.A.4 · 3.OA.B.6

Problem 1: Share equally

Twelve cookies are shared equally onto 3 plates. How many cookies are on each plate? Write a division sentence.

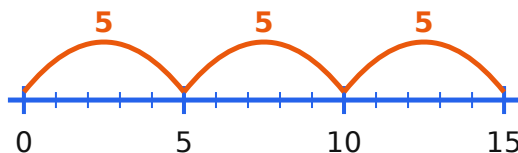


12 items shared equally among 3 groups

12 cookies on 3 plates.

Problem 2: Make groups

Priya has 15 stickers. She puts 5 stickers on each page. How many pages does she fill? Use the number line.



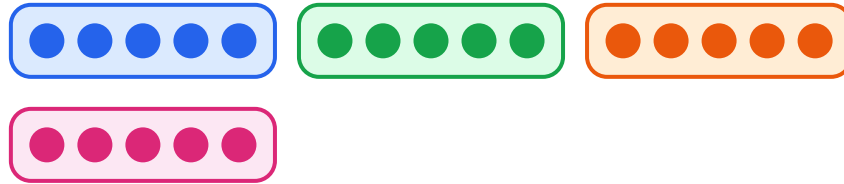
Jumps of 5 on a number line to 15.

Problem 3: Read a quotient

Tell what $18 \div 3$ means if 18 items are shared equally among 3 groups. Then find the quotient.

Problem 4: Picture to equation

Write a division sentence for the picture. The dots are shared equally into the boxes.



4 groups of 5

20 dots in 4 boxes, 5 in each.

Problem 5: Sharing or grouping

Marcus puts 24 marbles into bags. Each bag holds 6 marbles. Is this a sharing or a grouping story? How many bags does he need?

Problem 6: Division fact

Find $35 \div 5$.

Problem 7: Missing factor

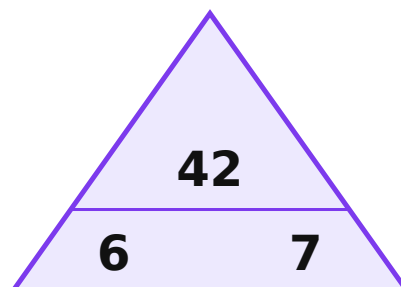
Find the unknown number: $4 \times n = 28$.

Problem 8: Multiply to divide

Use multiplication to find the unknown number: $8 \times n = 56$.

Problem 9: Fact family

Write the fact family for 6, 7 and 42.



Fact triangle with 42 at the top and 6 and 7 at the bottom.

Problem 10: Unknown divisor

Find the unknown number: $45 \div n = 9$.

Problem 11: Unknown dividend

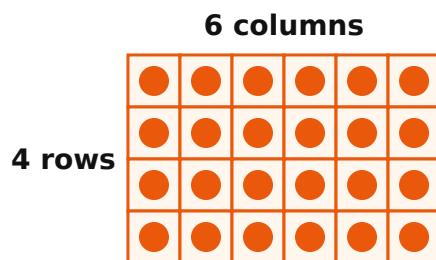
Find the unknown number: $n \div 4 = 6$.

Problem 12: Which number makes it true

Which number makes the equation true? $9 \times n = 72$. Choose from 6, 7, 8 or 9.

Problem 13: Chairs in rows

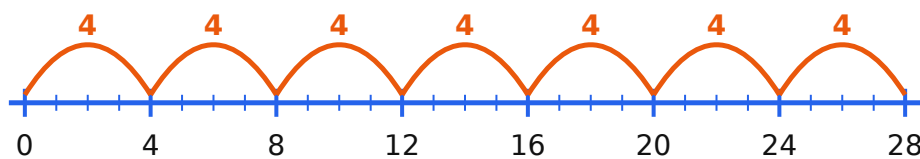
The school has 24 chairs for an assembly. They are put in 4 equal rows. How many chairs are in each row?



An array with 4 rows and 6 chairs in each row.

Problem 14: Rope pieces

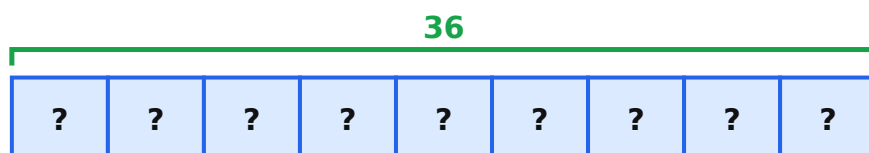
A rope is 28 feet long. Jamal cuts it into pieces that are each 4 feet long. How many pieces does he cut?



Jumps of 4 on a number line to 28.

Problem 15: Cards and friends

Maya shares 36 trading cards equally among 9 friends. How many cards does each friend get?



9 equal parts

Problem 16: Crayon boxes

Write an equation with a letter for the unknown. Forty-eight crayons are packed equally into 6 boxes. How many crayons are in each box?

Problem 17: Check with multiplication

Liam says $63 \div 9 = 8$. Use multiplication to check. Is he right? If not, give the correct quotient.

Problem 18: Soccer teams

A park has 32 soccer players. They make 4 teams with the same number of players. How many players are on each team?

Problem 19: Tomato rows

A farmer plants 27 tomato plants. He puts 3 plants in each row. How many rows does he plant?

Problem 20: Bracelets

Aisha has 40 beads. Each bracelet uses 5 beads. How many bracelets can she make?

Problem 21: Marbles for friends

Diego has 5 bags with 8 marbles in each bag. He shares all the marbles equally among 4 friends. How many marbles does each friend get?

Problem 22: Muffin boxes

A bakery bakes 72 muffins and packs them into boxes of 8. The bakery sells 5 boxes. How many boxes are left?

Problem 23: Ribbon pieces

Ethan has a ribbon that is 45 inches long. He cuts it into pieces that are each 9 inches long. How many pieces does he get? Write an equation with a letter.

Problem 24: Orange baskets

A grocer packs 56 oranges into 8 baskets. Each basket gets the same number of oranges. How many oranges are in each basket?