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Grade 3

Top 100 Word Problems

1

Mia has 7 boxes of crayons.

Each box has 8 crayons.

How many crayons does Mia have in all?



2

There are 54 cookies.

They are shared equally among 6 plates.

How many cookies are on each plate?



3

There are 4 equal groups.

Each group has 9 apples.

How many apples are there in all?



4

Look at the array.

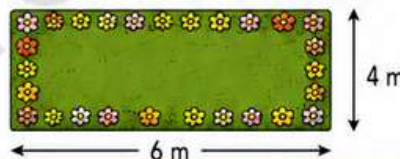
How many stars are there in all?



5

A garden is 6 meters long and 4 meters wide.

What is the area of the garden?



6

Tom has 8 packets of stickers.

He has 56 stickers in all.

How many stickers are in each packet?

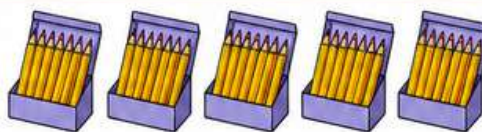


7

There are 48 pencils.

They are packed equally in 6 boxes.

How many pencils are in each box?



8

A number is divided by 6.

The quotient is 7 and the remainder is 3.

What is the number?

$$\begin{array}{r} 7 \\ 6 \overline{) 45} \\ \underline{3} \end{array}$$

9

Lisa has 36 chocolates.

She gives 14 chocolates to her friend and 8 chocolates to her brother.

How many chocolates does Lisa have left?



10

There are 125 pencils in a box.

Rohan takes out 47 pencils.

Then he puts in 25 new pencils.

How many pencils are in the box now?



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- 11 A shop has 142 pencils.
It sells 67 pencils in the morning
and 35 pencils in the afternoon.
How many pencils are left?



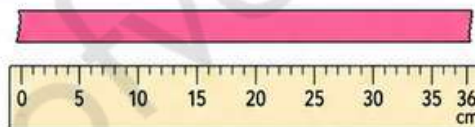
- 12 There are 24 children in a class.
The teacher arranges them in
4 equal rows.
How many children are in each row?



- 13 Riya has \$50.00.
She buys a book for \$18.25
and a pencil box for \$6.75.
How much money does she have left?



- 14 A ribbon is 36 centimeters long.
It is cut into 9 equal pieces.
How long is each piece?



- 15 What fraction of the shape
is shaded?



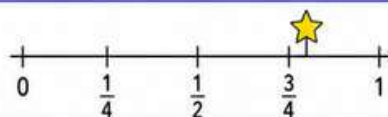
- 16 Fill in the blank to make
an equivalent fraction.

$$\frac{1}{2} = \frac{\boxed{}}{6}$$

- 17 Compare the fractions
using <, >, or =.

$$\frac{2}{5} \bigcirc \frac{3}{5}$$

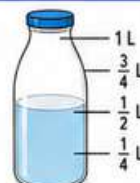
- 18 Look at the number line.
What fraction is marked by the star?



- 19 There are 18 oranges.
 $\frac{1}{3}$ of the oranges are used
to make juice.
How many oranges are used?



- 20 There are $\frac{2}{4}$ liters of milk in a bottle.
Ravi pours out $\frac{1}{4}$ liter of milk.
How much milk is left in the bottle?



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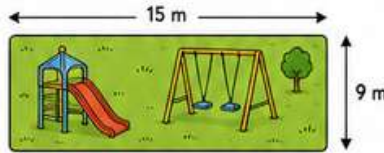
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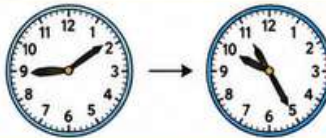
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- 21 A playground is in the shape of a rectangle. It is 15 meters long and 9 meters wide. What is the perimeter of the playground?



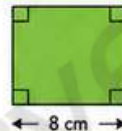
- 22 The science test starts at 9:10 a.m. It ends at 10:25 a.m. How long is the test?



- 23 A water tank holds 750 liters of water. 352 liters of water are used. How many liters of water are left in the tank?



- 24 A square has sides of 8 centimeters. What is the area of the square?



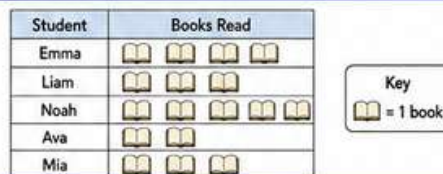
- 25 Look at the shape below. How many right angles does it have?



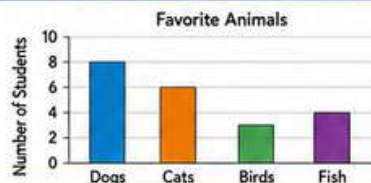
- 26 A pizza is cut into 8 equal slices. John eats 3 slices. What fraction of the pizza does he eat?



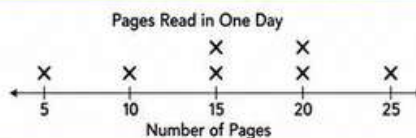
- 27 The picture graph shows the number of books read by 5 students in a week. How many books did Emma read?



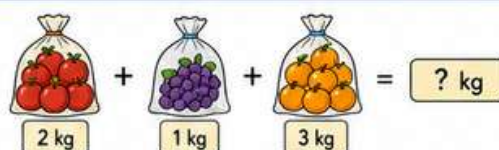
- 28 The bar graph shows the number of favorite animals chosen by some students. How many more students chose dogs than birds?



- 29 The line plot shows the number of pages read by students in one day. How many students read more than 15 pages?



- 30 A family buys 2 kg of apples, 1 kg of grapes and 3 kg of oranges. What is the total mass of the fruits?



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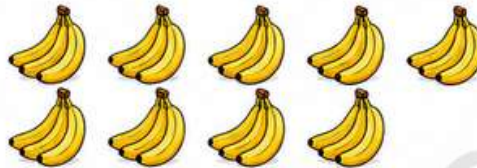
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- 31 A bakery makes 125 muffins.
They are packed in boxes.
Each box holds 5 muffins.
How many boxes are needed?



- 32 There are 9 bunches of bananas.
Each bunch has 7 bananas.
How many bananas are there in all?



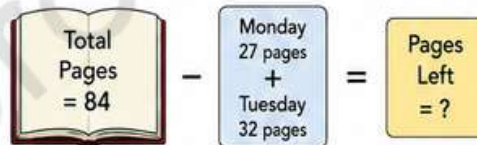
- 33 A farmer has 158 apples.
He puts 56 apples in a basket.
How many apples are left with him?



- 34 There are 6 plates.
Each plate has 12 sandwiches.
How many sandwiches are there in all?



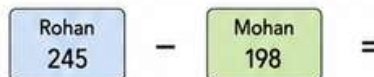
- 35 A book has 84 pages.
Riya reads 27 pages on Monday
and 32 pages on Tuesday.
How many pages are left to read?



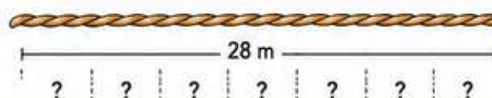
- 36 A number has 7 hundreds,
4 tens, and 3 ones.
What is the number?



- 37 Rohan scores 245 points in a game.
Mohan scores 198 points.
How many more points does
Rohan score than Mohan?



- 38 A rope is 28 meters long.
It is cut into 7 equal pieces.
How long is each piece?



- 39 The temperature in the morning is 18°C.
In the afternoon, it rises by 9°C.
What is the temperature
in the afternoon?



- 40 A park is in the shape of a rectangle.
It is 25 meters long and 16 meters wide.
What is the area of the park?



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- 41 There are 72 stickers.
They are shared equally
among 8 friends.
How many stickers does
each friend get?



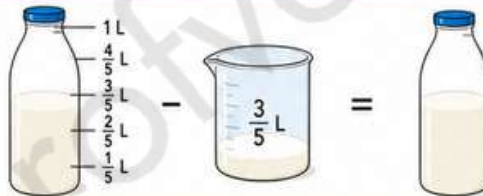
- 42 A store has 350 notebooks.
215 notebooks are sold in
the morning.
How many notebooks are
left in the store?



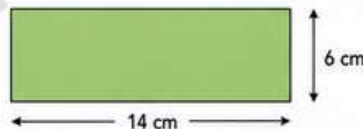
- 43 What time will it be
2 hours and 45 minutes
after 3:15 p.m.?



- 44 A milk bottle contains 1 liter
of milk.
Sara pours out $\frac{3}{5}$ liter of milk.
How much milk is left in
the bottle?



- 45 A rectangle has a length of 14 cm
and a width of 6 cm.
What is the area of the rectangle?



- 46 There are 32 children in a class.
 $\frac{3}{4}$ of the children are girls.
How many girls are there
in the class?



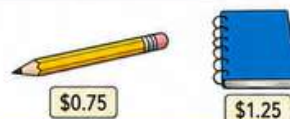
- 47 Which fraction is greater?

$$\frac{3}{7} \quad \bigcirc \quad \frac{5}{7}$$

- 48 Fill in the blank to make
an equivalent fraction.

$$\frac{2}{3} = \frac{\square}{9}$$

- 49 A pencil costs \$0.75.
A notebook costs \$1.25.
Riya buys 2 pencils and 3 notebooks.
How much money does she spend?



- 50 The table shows the number of balls
in different boxes.
How many more balls are there in
Box C than in Box A?

Box	Number of Balls
A	2 orange balls
B	5 soccer balls
C	7 green balls
D	4 red balls

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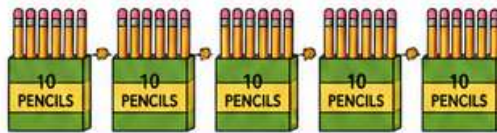
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- 51 Meena has 5 packs of pencils.
Each pack has 10 pencils.
How many pencils does Meena have in all?



- 52 There are 63 students in the school bus.
29 students get off at the first stop and 17 students get off at the next stop.
How many students are left on the bus?



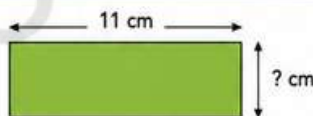
- 53 It is 1:40 p.m. now.
What time will it be 3 hours and 25 minutes later?



- 54 A bag of rice weighs 5 kg.
A bag of sugar weighs 2 kg 500 g.
What is the total mass of both the bags?



- 55 The perimeter of a rectangle is 36 cm.
Its length is 11 cm.
What is its width?

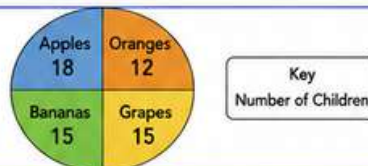


- 56 A chocolate bar is divided into 10 equal parts.
Rahul eats 4 parts.
What fraction of the chocolate bar does he eat?



- 57 Arrange the fractions from least to greatest.
 $\frac{3}{8}$, $\frac{1}{8}$, $\frac{7}{8}$, $\frac{4}{8}$

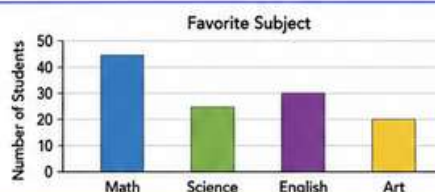
- 58 The pie chart shows the favorite fruit of 60 children.
How many children like oranges?



- 59 Ravi has \$20.00.
He buys a toy car for \$7.45 and a story book for \$6.25.
How much money does he have left?



- 60 Look at the bar graph.
How many more students like Math than Science?



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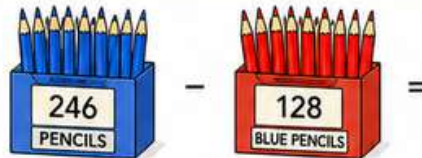
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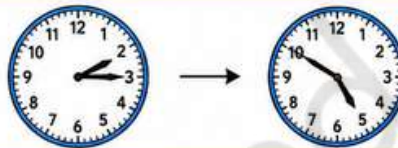
- 61 A farm has 8 rows of mango trees.
Each row has 9 mango trees.
How many mango trees are there in the farm?



- 62 There are 246 pencils in a box.
128 pencils are blue.
The rest are red.
How many red pencils are there?



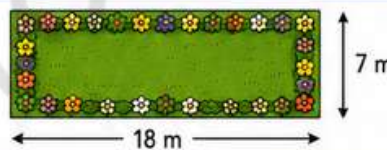
- 63 A movie starts at 2:15 p.m.
It ends at 4:50 p.m.
How long is the movie?



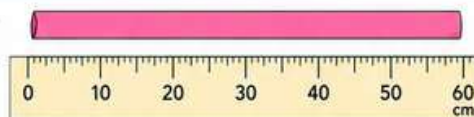
- 64 A jug contains 2 liters of juice.
Sara poured out $\frac{3}{4}$ liter of juice.
How much juice is left in the jug?



- 65 The length of a garden is 18 meters.
Its width is 7 meters.
What is the area of the garden?



- 66 A ribbon is 60 centimeters long.
It is cut into 6 equal pieces.
How long is each piece?



- 67 Ravi has \$15.00.
He buys a toy for \$8.60.
How much money does he have left?



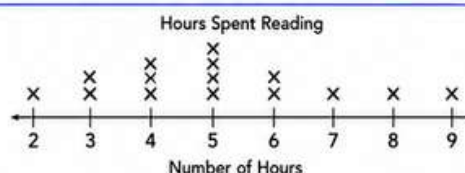
- 68 What fraction of the shape is shaded?



- 69 There are 3 pizzas.
Each pizza is cut into 6 equal slices.
If 2 slices are eaten from each pizza,
how many slices are eaten in all?



- 70 The line plot shows the number of hours students spent reading in a week.
How many students read for more than 6 hours?



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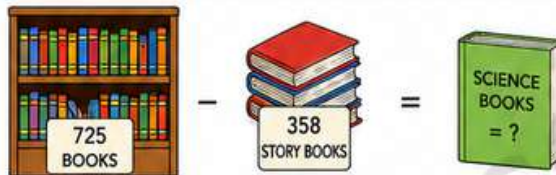
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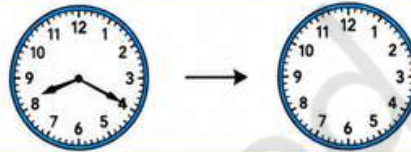
- 71 A shop has 48 bags of chips.
Each shelf can hold 6 bags.
How many shelves are needed
to keep all the bags?



- 72 The school library has 725 books.
358 books are story books.
The rest are science books.
How many science books
does it have?



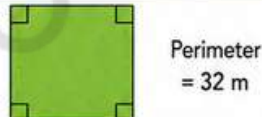
- 73 It is 8:20 a.m.
What time will it be
1 hour and 40 minutes later?



- 74 A tank contains 1,500 liters of water.
652 liters of water are used.
How many liters of water are left
in the tank?



- 75 The perimeter of a square park
is 32 meters.
What is the length of one side?



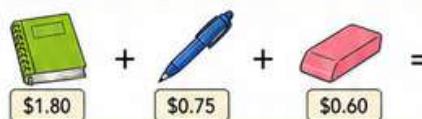
- 76 What fraction is represented
by the shaded part?



- 77 A bag has 2 kg 250 g of flour.
Another bag has 3 kg 500 g of flour.
What is the total mass of
the flour in both bags?



- 78 Rita bought a notebook for \$1.80,
a pen for \$0.75, and an eraser for \$0.60.
How much money did she spend?



- 79 The bar graph shows the number of
apples sold from Monday to Friday.
On which day were the most apples sold?



- 80 The pictograph shows the number
of toys sold in a day.
How many cars were sold?



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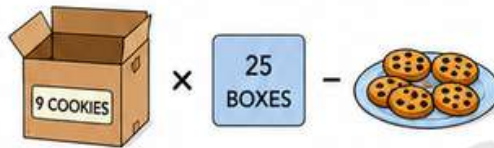
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- 81 There are 96 chairs in the hall.
They are arranged in 8 equal rows.
How many chairs are in each row?



- 82 A baker baked 360 cookies.
He packed 9 cookies in each box.
He used 25 boxes.
How many cookies are left without a box?



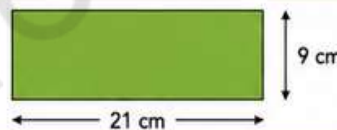
- 83 The concert starts at 6:45 p.m.
It ends at 9:15 p.m.
How long is the concert?



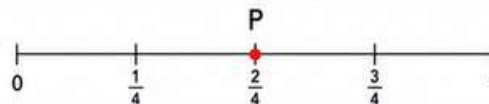
- 84 A pool holds 3,000 liters of water.
It is filled with 1,875 liters of water.
How many more liters of water are needed to fill the pool?



- 85 A rectangle has a length of 21 cm and a width of 9 cm.
What is its perimeter?



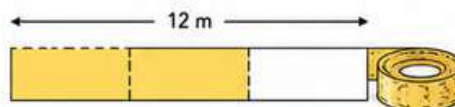
- 86 What fraction on the number line is represented by point P?



- 87 A fruit basket has $\frac{3}{4}$ apples and $\frac{1}{4}$ oranges.
What fraction of the fruits are apples?



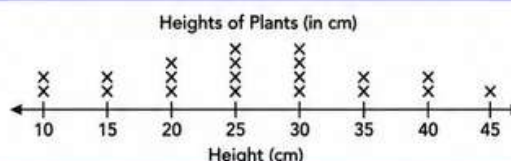
- 88 A roll of tape is 12 meters long.
If $\frac{2}{3}$ of the tape is used,
how many meters of tape are left?



- 89 Tom has \$18.00.
He spends \$6.75 on a book and \$4.50 on a game.
How much money does he have left?



- 90 The line plot shows the heights (in cm) of some plants.
How many plants are between 25 cm and 35 cm tall?



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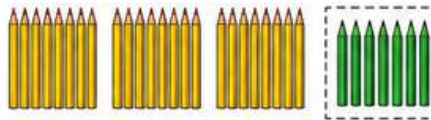
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- 91 A farmer has 5 baskets of tomatoes.
Each basket has 12 tomatoes.
He sells 18 tomatoes.
How many tomatoes are left
with the farmer?



$$\begin{array}{|c|} \hline 5 \text{ baskets} \\ (5 \times 12) \\ \hline \end{array} - \begin{array}{|c|} \hline 18 \\ \text{sold} \\ \hline \end{array} = \begin{array}{|c|} \hline ? \\ \text{left} \\ \hline \end{array}$$

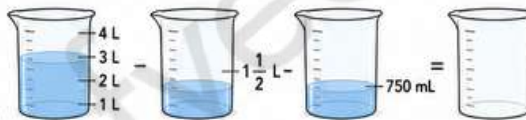
- 92 There are 840 pencils in a box.
 $\frac{3}{4}$ of the pencils are yellow.
The rest are green.
How many green pencils are there?



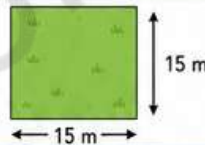
- 93 It is 3:25 p.m. now.
What time will it be
2 hours and 50 minutes later?



- 94 A container has 4 liters of water.
Sam pours out $1\frac{1}{2}$ liters of water.
Anu pours out 750 milliliters of water.
How much water is left in the container?



- 95 A square field has a side of 15 meters.
What is the area of the field?



- 96 Which fraction is equivalent to $\frac{2}{5}$?



- 97 A book has 128 pages.
Riya reads $\frac{3}{8}$ of the book.
How many pages does she read?



- 98 A shop sells 3 kinds of fruit.
Apples cost \$2.25 each.
Bananas cost \$0.75 each.
Oranges cost \$1.50 each.
Ravi buys 2 apples, 4 bananas,
and 3 oranges.
How much money does he spend?



- 99 The bar graph shows the number
of ice creams sold on different days.
On which day were the least
ice creams sold?



- 100 The pictograph shows the number
of books read by some students
in a week.
How many students read 4 books?

Number of Books Read	Number of Students
1 book	2
2 books	4
3 books	5
4 books	3
5 books	2

Key
😊 = 1 student

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