January 20, 2021

Give me 5!

You have 5 minutes to answer these 5 questions.

In the back of your journal, write the date.

Try your best and show all of your working out (making sure your final answer is clear).

If you finish, check your working.

Can you beat your best score?
Can you beat your best time?

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1./ 66 ÷ 6 = 11

2./ 231 x 3 = 693

3./ 96 - 25 = 71

4./ 9 x 8 = 72

5./ 12 multiplied by 8 is 96.

January 20, 2021

WALT divide 2 digit numbers with a remainder

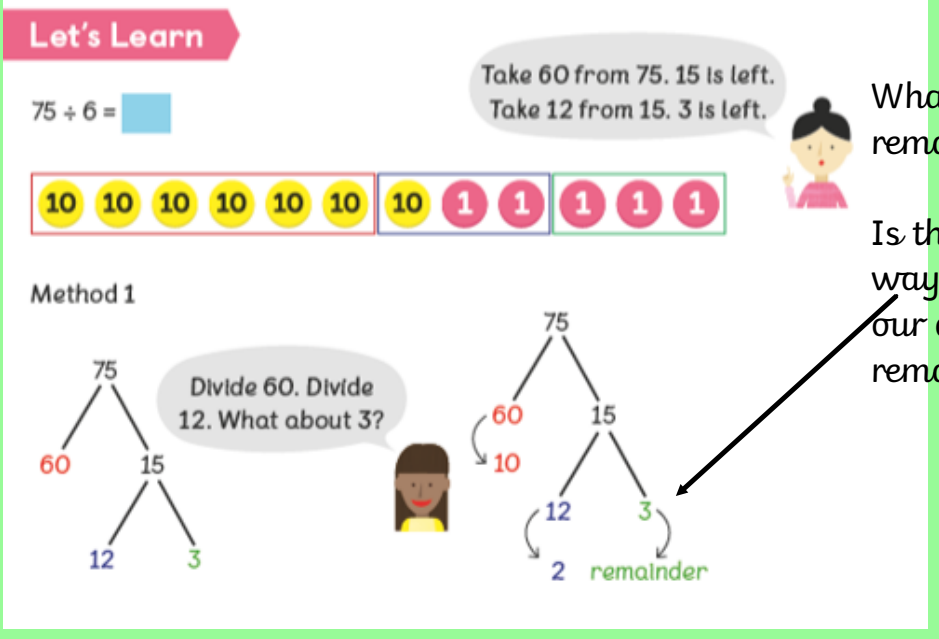
With your partner, talk about the question. When we feed back, you will need to EXPLAIN how you decided on your answer.

In Focus

Is it possible to put 75 children into 6 equal groups?

How can we use our 6 times table to help us with this problem?

January 20, 2021



What is a remainder?

Is there another way we can record our answer and the remainder?

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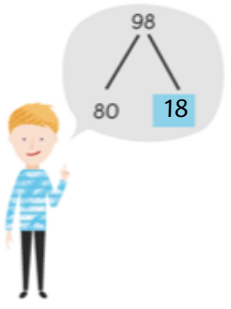
Guided Practice

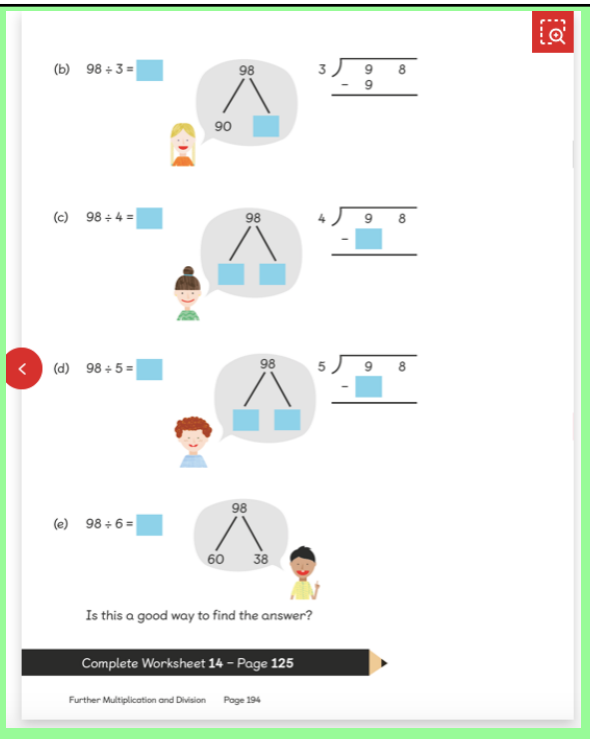
There are 98 children.
Try to put them into 2 equal groups.
Is it possible to have 3 equal groups?
What about 4 or 5 equal groups?

(a) $98 \div 2 =$ ☐



$$
\begin{array}{r}
4\ 9 \\
2\overline{)\ 9\ 8} \\
-\ 8\ 0 \\
\hline
1\ 8 \\
-\ 1\ 8 \\
\hline
0\ 0
\end{array}
$$

January 20, 2021



(b) 98 ÷ 3 = ☐

98

90 ☐

3) 9 8

− 9

(c) 98 ÷ 4 = ☐

98

☐ ☐

4) 9 8

− ☐

(d) 98 ÷ 5 = ☐

98

☐ ☐

5) 9 8

− ☐

(e) 98 ÷ 6 = ☐

98

60 38

Is this a good way to find the answer?

Complete Worksheet **14** – Page **125**

January 20, 2021

Name: _____ Class: ____ Date: _____

Worksheet 14

Dividing 2-Digit Numbers

1 Divide.

(a) $90 \div 6$

$= \square$

$6\overline{)90}$

(b) $97 \div 3$

$= \square$

$3\overline{)97}$

(c) $79 \div 4$

$= \square$

$4\overline{)79}$

(d) $88 \div 5$

$= \square$

$5\overline{)88}$

(e) $96 \div 8$

$= \square$

$8\overline{)96}$

(f) $99 \div 9$

$= \square$

$9\overline{)99}$

Mastery

1. There are 15 eggs in a bowl. Egg boxes have six spaces in them. How many egg boxes will you need for all the eggs?

2. There are 75 children in Year 4. The teacher wants to put them into equal groups. What equal groups could they be in? How many options of group are there? Work systematically to find out how many ways the children could be grouped equally.

January 20, 2021

ANSWERS

January 20, 2021

Name: _____ Class: _____ Date: _____

Worksheet 14

Dividing 2-Digit Numbers

1 Divide.

(a) 90 ÷ 6

= 15

```
   1 5
6 ) 9 0
   -6
    3 0
   -3 0
      0
```

(b) 97 ÷ 3

= 32 remainder 1

```
   3 2
3 ) 9 7
   -9
      7
    - 6
      1
```

(c) 79 ÷ 4

= 19 remainder 3

```
   1 9
4 ) 7 9
   -4
    3 9
   -3 6
      3
```

(d) 88 ÷ 5

= 17 remainder 3

```
   1 7
5 ) 8 8
   -5
    3 8
   -3 5
      3
```

(e) 96 ÷ 8

= 12

```
   1 2
8 ) 9 6
   -8
    1 6
   -1 6
      0
```

(f) 99 ÷ 9

= 11

```
   1 1
9 ) 9 9
   -9
      9
     -9
      0
```

Mastery

1. There are 15 eggs in a bowl. Egg boxes have six spaces in them. How many egg boxes will you need for all the eggs?

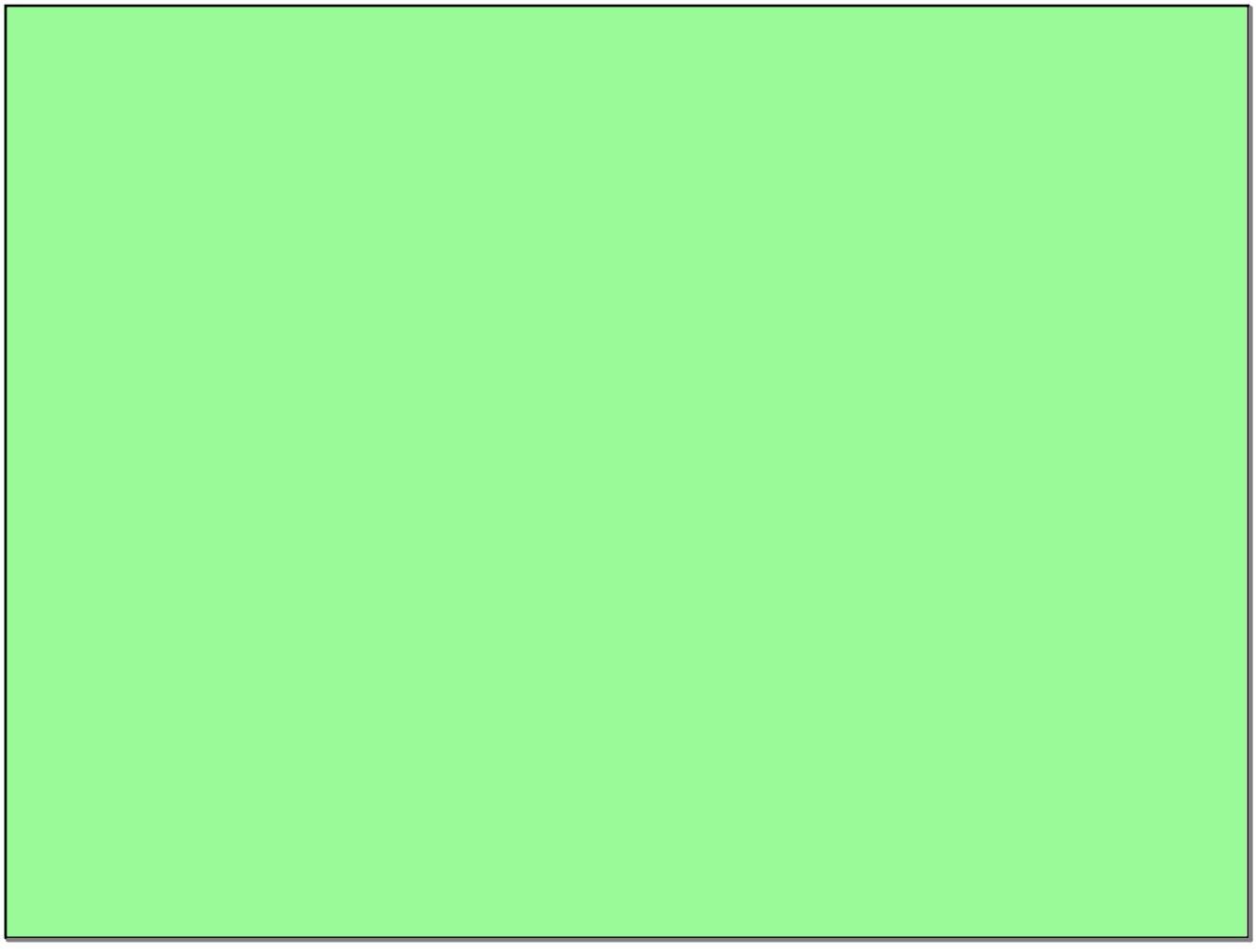
Answer: You will need 3 boxes.

2. There are 75 children in Year 4. The teacher wants to put them into equal groups. What equal groups could they be in? How many options of group are there? Work systematically to find out how many ways the children could be grouped equally.

Answer: You could have the following group sizes:

1 group of 75 or 75 groups of 1

15 groups of 5 or 5 groups of 15

3 groups of 25 or 25 groups of 3

January 20, 2021