

4. A bus holds 48 students. About how many buses are needed to transport 2000 students?

$$2000 \div 40 = 50 \checkmark$$

$$2000 \div 50 = 40$$

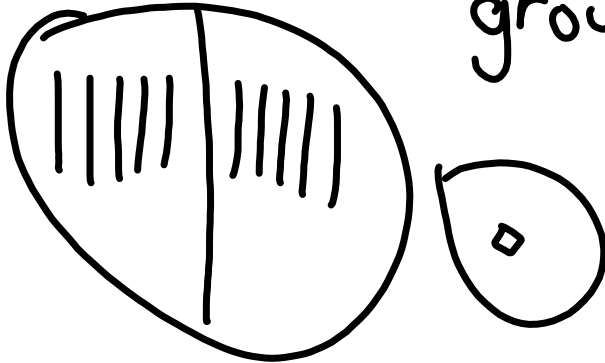
We want to make sure we over estimate to be sure we have enough buses.

$$101 \div 2 = 50 R 1$$

↑
total

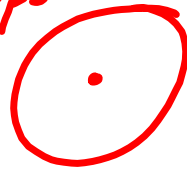
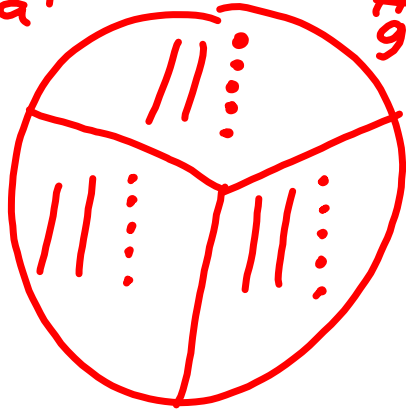
↑
of groups

↑
in each group



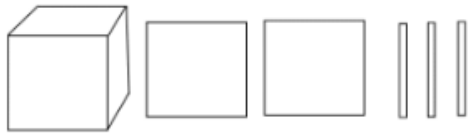
$$\overline{)76} \div 3 = 25 \text{ R } 1$$

Annotations:
- 76 : total
- 3 : # of groups
- 25 : in each group
- 1 : left over



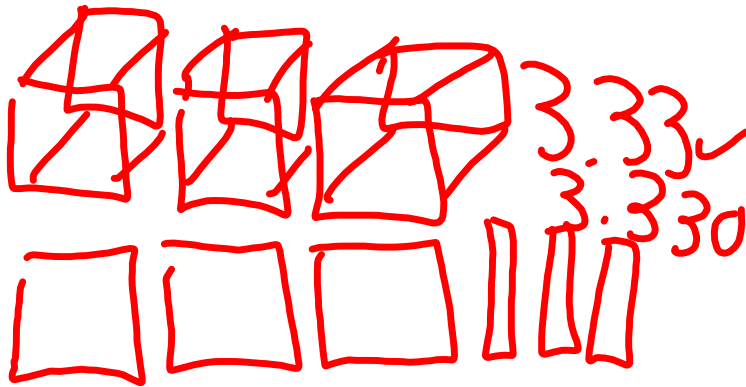
in each group

7. Which decimal represents the picture below? (1 cube = 1)

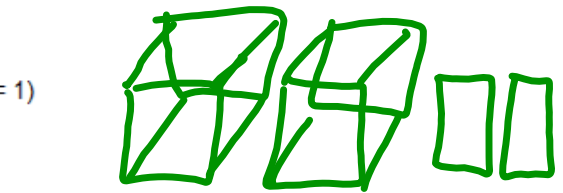


✓ 1.230

✓ 1.23



3.33 ✓
3.330 ✓



✓ 2.23 ✓
2.230



1.12 ✓
1.120 ✓

8. What is the value of "y" in the equation? $20 \div y = 5$

c)

$$20 \div y = 5$$

$$y = 4$$

$$20 \div 4 = 5$$

$$3x = 12$$

$$x = 4$$

$$3 \times 4 = 12$$

$$y - 12 = 8$$
$$y = 20$$
$$20 - 12 = 8$$

$$\frac{14}{2} = 7$$

$$b$$

$$b = 2$$

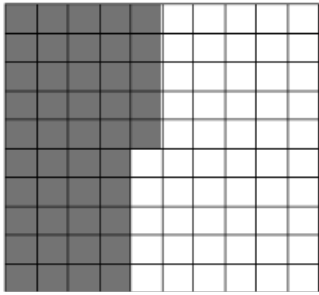
$$14 \div 2 = 7$$

9. If Sarah reads a chapter of a novel each day, how many chapters will have read in 8 weeks?

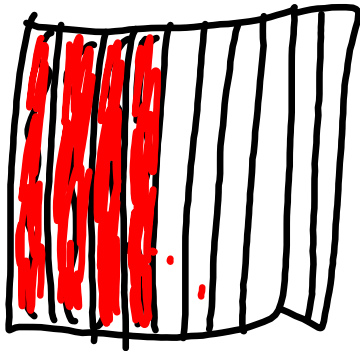
$$\begin{aligned} 7 \times 8 &= 56 \\ 7 \times 7 &= 49 + 7 = 56 \end{aligned}$$

Sarah will read 56 chapters in 8 weeks.

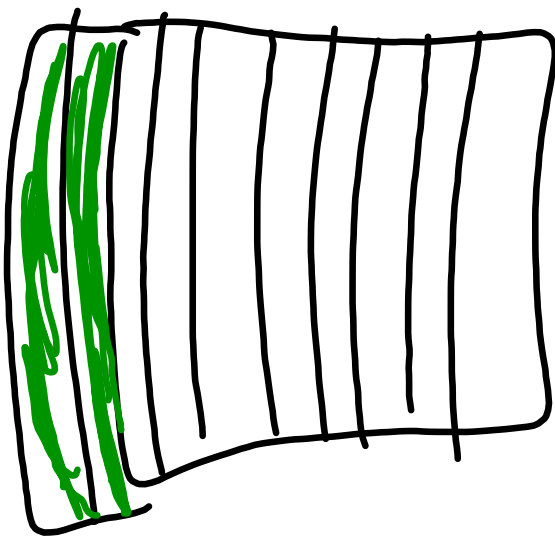
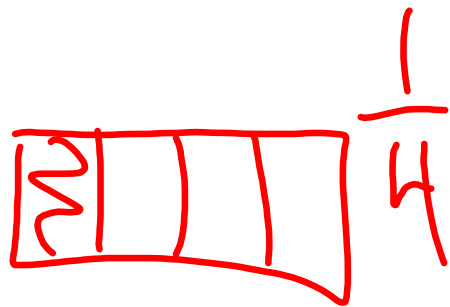
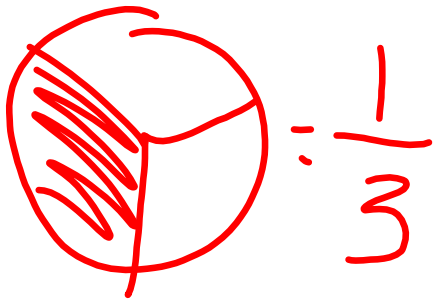
10. What decimal does the shaded part show if the whole grid equals 1?



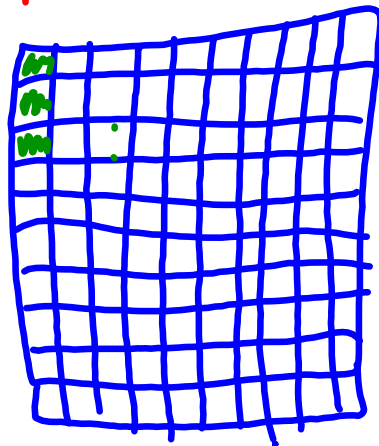
$$\frac{45}{100} = 0.45$$



$$\frac{4}{10} = 0.4$$



$$\frac{2}{10} = 0.2$$



$$\frac{3}{100} = 0.03$$

(PR2-C)

1. Bob charges \$8 for each driveway he shovels. Bob saves all the money he earns. He needs \$200 to buy a laptop. How many driveways will he need to shovel in order to buy it?

A. Write an equation using a variable to represent the question.

$$200 \div 8 = d \quad \text{or} \quad 8 \times d = 200$$

B. Solve your equation.

$$8 \times d = 200 \quad \text{or} \quad d \times 8 = 200$$

$$d = 25$$

$$8 \times 25 = 200 \quad \checkmark$$

$$\begin{array}{r} 425 \\ + 25 \\ \hline 200 \checkmark \end{array}$$

(N7-

B/C)

2. You are building a garden for your school. In the garden you will need:

$\frac{1}{2}$ tomatoes, $\frac{1}{4}$ corn, $\frac{2}{10}$ carrots and the rest potatoes.

A. What fraction of the garden is potatoes?

$$\frac{1}{2} \times 10 + \frac{1}{4} \times 5 + \frac{2}{10} \times 2 + \frac{?}{20}$$

← potatoes

B. Place the four fractions on the number line below:

