Department of Mathematics
Fifth grade
Multiplication and division (2)

Worksheet

1. Calculate

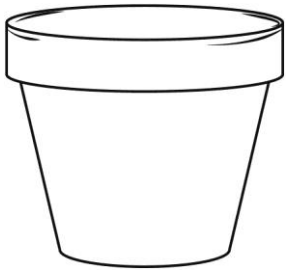
a $\frac{3}{4} \div 3. \quad = \quad \frac{3}{4}$

B. $\frac{4}{5} \div 6 = \frac{2}{15}$

2. Kofi paints flower pots.

He uses $\frac{1}{3}$ cup of paint for each flower pot.

How much paint does he use for 10 flower pots?



$\frac{1}{3} \times \frac{10}{1} = 3\ \frac{1}{3}$

3. Heidi cuts a piece of string that is $\frac{2}{5}$ metre long into 4 equal pieces.

What is the length of each piece of string?

Give your answer as a fraction of a metre.

$\frac{2}{5} \div 4 = \frac{2}{5} \times \frac{1}{4} = \frac{1}{10}$

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4. Calculate.

a 45.3×5

226.5

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b 83.82×6

502.92

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5. Calculate.

a 13.2 ÷ 3

4.4

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b 14.63 ÷ 7

2.09

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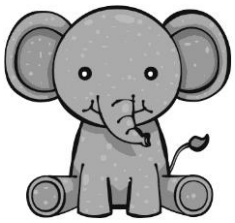
6. Magda pays $155.70 for 6 identical soft toys.

How much does each toy cost?

155.70 ÷ 6 = $ 25.95



7. Solve the multiplication problems.

Match each answer to a letter in the key.

1	1.35 × 8 =	letter___E_____	6	4.58 × 4 =	letter____I_____
2	3.12 × 6 =	letter___O_____	7	2.59 × 5 =	letter____H_____
3	1.98 × 7 =	letter___G_____	8	3.18 × 4 =	letter__A_____
4	1.59 × 6 =	letter____B_____	9	1.27 × 7 =	letter___L_____
5	3.64 × 5 =	letter___D_____	10	1.06 × 8 =	letter___A_____

Key:

12.95	11.56	18.72	13.86	12.72	9.54	10.8	18.32	8.48	18.2	14.2	8.89
H	C	O	G	A	B	E	I	A	D	W	L

Calculate.

a $\frac{3}{5} \times 7 =$ $4\frac{1}{5}$

b $4 \times \frac{3}{8} =$ $1\frac{1}{2}$

c $\frac{2}{7} \times 5 =$ $1\frac{3}{7}$

d $3 \times \frac{2}{9} =$ $\frac{2}{3}$

e $\frac{4}{9} \times 3 =$ $1\frac{1}{3}$

f $7 \times \frac{2}{5} =$ $3\frac{3}{5}$

g $\frac{4}{5} \times 7 =$ $5\frac{3}{5}$

h $5 \times \frac{3}{7} =$ $2\frac{1}{7}$

7. Work these out and write each calculation in the correct part of the table.

A 167.62 ÷ 17

9.86

B 147.21 ÷ 7

21.03

C 0.89 × 21

18.69

D 3.65 × 6

21.9

Answer less than 10	Answer between 10 and 20	Answer more than 20
A	C	B , D

8. There is $450.68 in the bank account for a walking club.

   The club members decide to buy 15 walking sticks.

   What is the maximum amount they can spend on each stick if all the sticks cost the same?

   450.68 ÷ 15 = 30.05

   $ __30_____

9. People pay to visit a garden.

Tickets	
Adults	$22.60
Children under 16	$12.80

One day 55 adults and 10 children visit the garden.

How much ticket money is collected?

Adults = 55 × 22.60 = $ 1243

Children = 10 × 12.80 = $ 128

Total = 128+ 1243 = $ 1371

10. Answer the question at the START then move through the square that shows the correct answer to the next octagon. Repeat until you reach the WAY OUT.

Draw your route on the maze.