































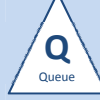














Dividing fractions Divide and Ride

Print onto cardboard, laminate and cut into separate playing cards.

 <p>A</p> $1 \div 5 = \square$	 <p>B</p> $2 \div 5 = \square$	 <p>C</p> $3 \div 4 = \square$
 <p>D</p> $4 \div 5 = \square$	 <p>E</p> $5 \div 5 = \square$	 <p>F</p> $8 \div 5 = \square$
 <p>G</p> $2 \div 3 = \square$	 <p>H</p> $3/6 \div 1/6 = \square$	 <p>I</p> $6 \div 5 = \square$
 <p>J</p> $1/2 \div 1/2 = \square$	 <p>K</p> $6 \div 8 = \square$	 <p>L</p> $4 \div 3 = \square$
 <p>M</p> $1/2 \div 1/4 = \square$	 <p>N</p> $3/4 \div 1/8 = \square$	 <p>O</p> $2/3 \div 1/3 = \square$
 <p>A Pizza time 1 1/2 pizzas shared with 6 people. What fraction of pizza does each person get?</p>	 <p>B Pizza time 2 1/2 pizzas shared with 5 people. What fraction of a pizza does each person get?</p>	 <p>C Pizza time 3 pizzas shared with 4 people. What fraction of a pizza does each person get?</p>
 <p>D Juice time 3 1/2 litres shared between 7 people. What fraction of a litre does each person get?</p>	 <p>E Juice time 3 2/3 litres shared between 11 people. What fraction of a litre does each person get?</p>	 <p>F Juice time 1 5/7 litres shared between 6 people. What fraction of a litre does each person get?</p>
 <p>G Fruit time 1 1/2 pineapples shared between 12 people. What fraction does each person get?</p>	 <p>H Fruit time 3/4 pineapple shared between 6 people. What fraction does each person get?</p>	 <p>I Fruit time 3 3/4 pineapples shared between 5 people. What fraction does each person get?</p>

 <p>J. Subway time 4 $1\frac{1}{2}$ bread rolls shared between 18 people. What fraction of a roll does each person get?</p>	 <p>K. Subway time 2 $2\frac{2}{3}$ bread rolls share between 8 people. What fraction of a roll does each person get?</p>	 <p>L. Subway time $1\frac{1}{2}$ bread rolls shared between 2 people. What fraction does each person get?</p>
 <p>M. Ice cream time 18 scoops of ice cream shared between 4 people. How many scoops does each person get?</p>	 <p>N. Ice cream time $7\frac{1}{2}$ scoops of ice cream shared between 5 people. How many scoops does each person get?</p>	 <p>O. Ice cream time $5\frac{1}{3}$ scoops of ice cream shared between 4 people. How many scoops does each person get?</p>
 <p>A. In this equation $1\frac{1}{2} \div 1\frac{1}{4} = \square$ $1\frac{1}{4}$ is the dividend. True or false?</p>	 <p>B. In this equation $1\frac{1}{4} \div 1\frac{1}{4} = \square$ $1\frac{1}{4}$ is the dividend. True or false?</p>	 <p>C. In this equation $3\frac{3}{4} \div 5 = \square$ 5 is the divisor. True or false?</p>
 <p>D. In this equation $5\frac{1}{3} \div 4 = \square$ 4 is the quotient. True or false?</p>	 <p>E. In this equation the box is in the place of the quotient. True or false?</p>	 <p>F. A fraction can be a quotient or result of division. True or false?</p>
 <p>G. Division and addition are opposite number operations. True or false?</p>	 <p>H. Division and multiplication are opposite number operations. True or false?</p>	 <p>I. Divide a fraction by a fraction. The quotient is usually bigger than both fractions. True? False?</p>
 <p>J. Some division problems can be solved by repeated subtraction. True or false.</p>	 <p>K. There are at least 4 main kinds of division problems. True or false?</p>	 <p>L. $1 \div 4 = 4/1$ True or false?</p>
 <p>M. You can't divide a fraction because it is not a whole number. True or false?</p>	 <p>N. Sometimes, to solve fraction division you must find a common denominator first. True or false?</p>	 <p>O. In measurement (or group) division you find the number of equal groups or parts. True or false?</p>

ANSWER Sheet



A $1/5$	B $2/5$	C $3/4$	D $4/5$	E 1
F $8/5$ or $1 \frac{3}{5}$	G $2/3$	H 3	I $6/5$ or $1 \frac{1}{5}$	J 1
K $6/8$ or $3/4$	L $4/3$ or $1 \frac{1}{3}$	M 2	N 6	O 2



A $1/4$	B $1/2$	C $3/4$	D $1/2$	E $1/3$
F $2/7$	G $1/8$	H $1/8$	I $3/4$	J $1/4$
K $1/3$	L $3/4$	M $4 \frac{1}{2}$	N $1 \frac{1}{2}$	O $1 \frac{1}{3}$



A: False. $1/4$ is the divisor.

B: True

C: True

D: False. 4 is the divisor.

E: True

F: True. $1 \div 4$ can also be written $1/4$.

G: False. Division and multiplication are opposite number operations.

H: True

I: True. For example $1/2 \div 1/4 = 2$

J: True.

K: False. There are two: sharing (partitive) and grouping (measurement)

L: False. $1 \div 4 = 1/4$ not $4/1$

M: False. You can divide fractions.

N: True.

O: True.

DIVIDE AND RIDE

You need:

1 coloured counter ('car') for each player
1 dice
playing board
3 sets of question cards
1 answer sheet.

How to play:

This is a game for up to 4 players.

The 3 sets of question cards are shuffled and placed face down in 3 piles available to the players, as is the answer sheet. Note which pile is which.

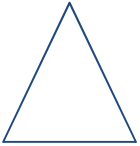





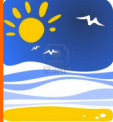
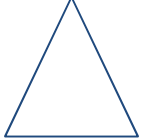

















The players place their counter on START. They each roll the dice once and the player who rolls the lowest number begins first. Players then take turns to make a roll of the dice and move their counter that number of squares.

Note, if a 3 is rolled, the player can move 3 spaces and roll again.

If a player :

- lands on a square with any of the three symbols, they select a card from the appropriate pile and attempt to answer the question. If they are correct, they move one space forward and if incorrect they move back one space. The answer sheet is available for another player to confirm that the answer is correct. Question cards are returned to the bottom of the pile.
- lands on a forward or backward arrow, they move 2 spaces in that direction.
- lands on the 'two people' icon, the player can choose a card from any pile and *ask another player* the question. If the *other player's* answer is incorrect *that other* player moves back 2 spaces, and the player whose turn it is remains on the 'two people' square till their next turn. If the other player's answer is correct, the player whose turn it is moves forward one square and the other player (who answered the question) stays where they are.

The winner is the first person to 'Park up in the sun'.

START			Hit a bump 	29		27
 FOOD STOP		32	DIVIDE AND RIDE			 FOOD STOP
3			End of the Ride! Park up in sun 			
Hit a bump 		34				24
5		 FOOD STOP	 Queue ahead			23
 Queue ahead		36	Hit a bump 		Speed up 	
7		Speed up 	 FOOD STOP			21
 Road signs		38				
9		39	40	 Road signs		19
					 Road signs	
 FOOD STOP	Speed up 	13	14	 Queue ahead	16	Hit a bump 