

Divide Proper Fractions by Whole Numbers

Space-Themed Maths Game

Two player game

Take turns to select a card. Complete the calculation. Once you have completed the calculation, check your answer. If your calculation is correct, join two of the dots with a horizontal or vertical line and the turn is passed. If the answer is incorrect, the turn is passed to the next player without drawing a line.

During the game, boxes will be made by four lines joining together. The player who draws a line that finishes a four-sided box writes their initials in the box. Each box is worth a point. If a box is made around an astronaut, it counts for five points.

The person with the most points by the end of the game wins.

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$\frac{9}{45} \div 5 =$	$\frac{9}{12} \div 8 =$
$\frac{8}{20} \div 4 =$	$\frac{22}{28} \div 7 =$
$\frac{13}{15} \div 3 =$	$\frac{3}{4} \div 6 =$
$\frac{9}{18} \div 6 =$	$\frac{5}{6} \div 18 =$
$\frac{4}{7} \div 14 =$	$\frac{9}{12} \div 4 =$
$\frac{5}{15} \div 8 =$	$\frac{18}{20} \div 4 =$
$\frac{16}{20} \div 10 =$	$\frac{1}{4} \div 12 =$
$\frac{6}{7} \div 11 =$	$\frac{7}{10} \div 5 =$
$\frac{4}{5} \div 15 =$	$\frac{8}{32} \div 4 =$
$\frac{9}{12} \div 2 =$	$\frac{27}{48} \div 6 =$

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Space-Themed Maths Game **Answers**

$\frac{9}{45} \div 5 = \frac{1}{25}$	$\frac{9}{12} \div 8 = \frac{3}{32}$	$\frac{5}{15} \div 8 = \frac{1}{24}$	$\frac{18}{20} \div 4 = \frac{9}{40}$
$\frac{8}{20} \div 4 = \frac{1}{10}$	$\frac{22}{28} \div 7 = \frac{11}{98}$	$\frac{16}{20} \div 10 = \frac{2}{25}$	$\frac{1}{4} \div 12 = \frac{1}{48}$
$\frac{13}{15} \div 3 = \frac{13}{45}$	$\frac{3}{4} \div 6 = \frac{1}{8}$	$\frac{6}{7} \div 11 = \frac{6}{77}$	$\frac{7}{10} \div 5 = \frac{7}{50}$
$\frac{9}{18} \div 6 = \frac{1}{12}$	$\frac{5}{6} \div 18 = \frac{5}{108}$	$\frac{4}{5} \div 15 = \frac{4}{75}$	$\frac{8}{32} \div 4 = \frac{1}{16}$
$\frac{4}{7} \div 14 = \frac{2}{49}$	$\frac{9}{12} \div 4 = \frac{3}{16}$	$\frac{9}{12} \div 2 = \frac{3}{8}$	$\frac{27}{48} \div 6 = \frac{3}{32}$