

Division with negative numbers

Section 1 – Number lines

Draw a number line to show each division.

Division	Number line
$18 \div 6$	
$-20 \div -5$	
$-24 \div 4$	
$36 \div -9$	
$-2 \div -\frac{1}{4}$	
$3 \div -\frac{3}{5}$	
$-2.8 \div 0.4$	
$-10.5 \div -7$	
$10.5 \div -7$	

Section 2 – Multiplication and Division Families

Complete this table showing multiplication and division families

Division	Multiplication	Division
	$3 \times 5 =$	
	$-3 \times 6 =$	
		$-35 \div 7 =$
$48 \div -6 =$		
	$-0.6 \times 7 =$	
$-4 \div \frac{1}{5}$		
		$-45 \div -0.9$
		$-\frac{6}{7} \div \frac{3}{5}$

Section 3 – Sentences

Complete these sentences

Multiplying a negative number by a positive number gives a _____

Dividing a negative number by a positive number gives a _____

Multiplying a positive number by a negative number gives a _____

Dividing a positive number by a negative number gives a _____

Multiplying a negative number by a negative number gives a _____

Dividing a negative number by a negative number gives a _____

Section 4 - Further Practice

a. $-32 \div -4$

b. $30 \div -6$

c. $-42 \div 7$

d. $-60 \div -10$

e. $-33 \div 4$

f. $207 \div -3$

g. $-8 \div -\frac{1}{4}$

h. $-3.5 \div 0.07$

i. $-\frac{9}{10} \div -\frac{1}{20}$

j. $2\frac{2}{5} \div -\frac{3}{5}$

k. $-\frac{6}{7} \div -\frac{1}{5}$

l. $-2\frac{5}{6} \div 1\frac{1}{3}$