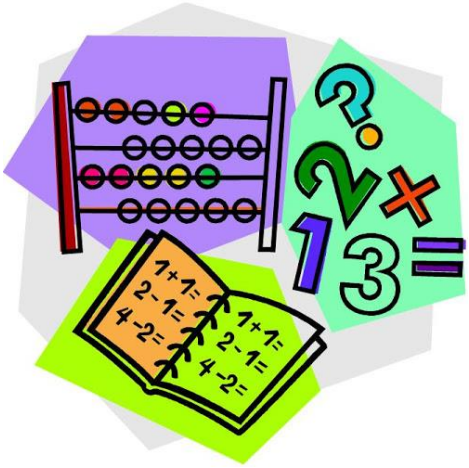


Divide by 8 Tables:

8 ÷ 8 = 1

16 ÷ 8 = 2

24 ÷ 8 = 3

32 ÷ 8 = 4

40 ÷ 8 = 5

48 ÷ 8 = 6

56 ÷ 8 = 7

64 ÷ 8 = 8

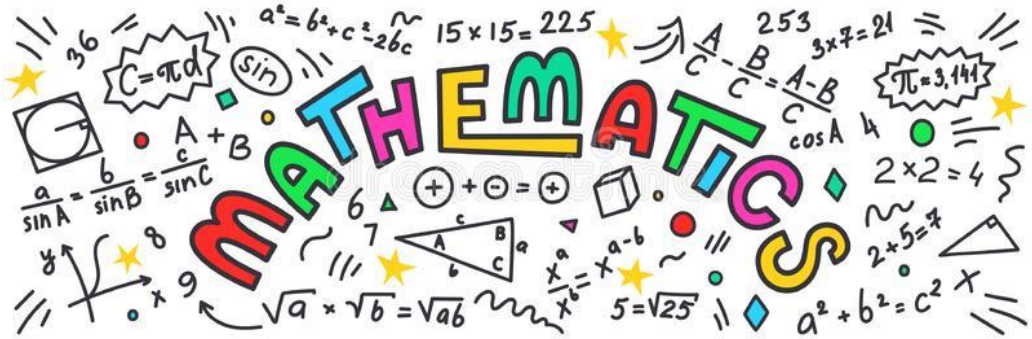
72 ÷ 8 = 9

80 ÷ 8 = 10

88 ÷ 8 = 11

96 ÷ 8 = 12

Practice writing these out in your maths copy!



17 Divide by 8

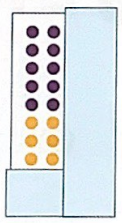
MONDAY

1 Use objects. Share each amount to make 8 equal groups.

(a) 16 = 8 groups of [2]
(b) 8 = 8 groups of [ ]
(c) 40 = 8 groups of [ ]
(d) 56 = 8 groups of [ ]
(e) 48 = 8 groups of [ ]
(f) 80 = 8 groups of [ ]
(g) 72 = 8 groups of [ ]
(h) 64 = 8 groups of [ ]

2 Use your 100 Dots grid. Share each amount to make 8 equal rows.

(a) 16 = 8 rows of [2]
(b) 24 = 8 rows of [ ]
(c) 32 = 8 rows of [ ]
(d) 40 = 8 rows of [ ]
(e) 8 = 8 rows of [ ]
(f) 48 = 8 rows of [ ]
(g) 80 = 8 rows of [ ]
(h) 64 = 8 rows of [ ]
(i) 56 = 8 rows of [ ]



3 **Challenge** Fill in the missing numbers.

(a) 5, 10, [ ], 40. Think: double!
(b) 3, [ ], [ ], 24.
(c) 7, [ ], 28, [ ].
(d) [ ], [ ], [ ], 64.

TUESDAY

1 Use objects. How many times can you subtract 8 from:

(a) 8? [1]
(b) 24? [ ]
(c) 48? [ ]
(d) 40? [ ]
(e) 72? [ ]
(f) 64? [ ]
(g) 32? [ ]
(h) 16? [ ]
(i) 80? [ ]
(j) 56? [ ]

2 Use your 100 Dots grid. How many rows of 8 in:

(a) 80? [10]
(b) 32? [ ]
(c) 16? [ ]
(d) 8? [ ]
(e) 56? [ ]
(f) 72? [ ]
(g) 24? [ ]
(h) 64? [ ]
(i) 48? [ ]
(j) 40? [ ]

3 Use multiplication to solve division.

(a) 8 × [6] = 48, so 48 ÷ 8 = [ ]
(b) 8 × [ ] = 16, so 16 ÷ 8 = [ ]
(c) 8 × [ ] = 8, so 8 ÷ 8 = [ ]
(d) 8 × [ ] = 56, so 56 ÷ 8 = [ ]
(e) 8 × [ ] = 24, so 24 ÷ 8 = [ ]
(f) 8 × [ ] = 64, so 64 ÷ 8 = [ ]
(g) 8 × [ ] = 80, so 80 ÷ 8 = [ ]
(h) 8 × [ ] = 40, so 40 ÷ 8 = [ ]
(i) 8 × [ ] = 32, so 32 ÷ 8 = [ ]
(j) 8 × [ ] = 72, so 72 ÷ 8 = [ ]

4 **Challenge** How many groups of 8 are in:

(a) 96? [ ]
(b) 160? [ ]
(c) 120? [ ]

Thinking Strategy To divide by 8, first halve the number you are dividing, then halve the result and then halve the result again. Say 'halve, halve, halve.'

WEDNESDAY

1 Halve the number, halve your answer, and halve again.

		÷ 2	÷ 4	÷ 8
(a)	40	20	10	5
(b)	80			
(c)	32			
(d)	16			
(e)	8			
(f)	64			
(g)	24			
(h)	48			
(i)	56			
(j)	72			

2

(a) 16 ÷ 8 = ☐

(b) 80 ÷ 8 = ☐

(c) 48 ÷ 8 = ☐

(d) 8 ÷ 8 = ☐

(e) 72 ÷ 8 = ☐

(f) 32 ÷ 8 = ☐

(g) 24 ÷ 8 = ☐

(h) 64 ÷ 8 = ☐

(i) 40 ÷ 8 = ☐

(j) 56 ÷ 8 = ☐

Think: if × 8 is *double, double, double*, then ÷ 8 is *half, half, half.*

16

☐☐☐☐☐☐☐☐

3 Challenge

		÷ 2	÷ 4	÷ 8
(a)	88			
(b)	120			
(c)	200			
(d)	280			

THURSDAY

1 Use your thinking strategies.

(a) 80 ÷ ☐ = 8

(b) 8 ÷ ☐ = 8

(c) 32 ÷ ☐ = 8

(d) 72 ÷ ☐ = 8

(e) 48 ÷ ☐ = 8

(f) ☐ ÷ 8 = 5

(g) ☐ ÷ 8 = 8

(h) ☐ ÷ 8 = 2

(i) ☐ ÷ 8 = 3

(j) ☐ ÷ 8 = 7

Think: what number ÷ 8 equals 5?

? (40)

5	5	5	5	5	5	5	5

2 (a) 8 | 48 ___ (b) 8 | 72 ___ (c) 8 | 56 ___

(d) 8 | 16 ___ (e) 8 | 64 ___ (f) 8 | 40 ___

(g) 8 | 32 ___ (h) 8 | 24 ___ (i) 8 | 80 ___

3 (a) (72 ÷ 8) − 6 = ☐

(b) (32 ÷ 8) + 8 = ☐

(c) (56 ÷ 8) + (3 × 8) = ☐

(d) (80 ÷ 8) + (2 × 8) = ☐

4 Challenge

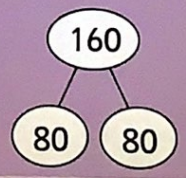
(a) 160 ÷ 8 = ☐

(b) 240 ÷ 8 = ☐

(c) 200 ÷ ☐ = 8

(d) 360 ÷ ☐ = 8

Think: break into friendly numbers.



Dear Family Play 'Times Snap with 8' (see page 70).