

CODE BREAKER 1



Which multiplication table is this?

Clues: C = 2, G = 1, B = 0

Write the numbers from the clues against each letter.
Then use what you have to work out which letters stand for which numbers

Write the solution

Write out the code at the bottom when you are finished

You Will Need:

- Dry wipe pens

Who should you work with?

- On your own or with a friend



Code

$$A \times D = GD$$

$$E \times D = HD$$

$$C \times D = GB$$

$$D \times D = CD$$

$$J \times D = HB$$

$$G \times D = D$$

$$GB \times D = DB$$

$$F \times D = AB$$

$$H \times D = CB$$

$$K \times D = AD$$

Solution

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

A

D

E

C

J

G

B

F

H

K

Adapted from: <http://www.tes.co.uk>

Last updated: 3 November 2016

CODE BREAKER 2



Which multiplication table is this?

Clues: ▲ = 4, ↑ = 5

Write the numbers from the clues against each shape. Then use what you have to work out which shapes stand for which numbers

Write the solution

Write out the code at the bottom when you are finished

You Will Need:

- Dry wipe pens

Who should you work with?

- On your own or with a friend



Code

$$\triangle \times \triangle = \square \blacktriangle$$

$$\star \times \triangle = \diamond \blacktriangle$$

$$\diamond \times \triangle = \square \odot$$

$$\square \times \triangle = \diamond \odot$$

$$\uparrow \times \triangle = \odot \blacktriangleright$$

$$\square \blacktriangleright \times \triangle = \triangle \blacktriangleright$$

$$\blacklozenge \times \triangle = \odot \square$$

$$\square \times \triangle = \triangle$$

$$\blacktriangle \times \triangle = \odot \triangle$$

$$\odot \times \triangle = \square$$

Solution

$$X \quad =$$

$$X \quad =$$

$$X \quad =$$

$$X \quad =$$

$$X \quad =$$

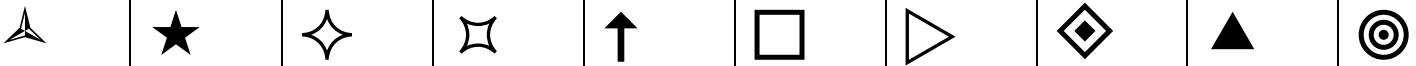
$$X \quad =$$

$$X \quad =$$

$$X \quad =$$

$$X \quad =$$

$$X \quad =$$



Adapted from: <http://www.tes.co.uk>

Last updated: 3 November 2016

CODE BREAKER 3



Which multiplication table is this?

Clues: = 2, = 1, = 8

Write the numbers from the clues against each shape. Then use what you have to work out which shapes stand for which numbers

Write the solution

Write out the code at the bottom when you are finished

You Will Need:

- Dry wipe pens

Who should you work with?

- On your own or with a friend



Code

$$\times \times * = \text{star in circle} \text{ crescent moon}$$

$$\text{diamond} \times * = \text{crescent moon} \text{ star in circle}$$

$$\text{square with square inside} \times * = \text{diamond}$$

$$* \times * = \text{four diamonds}$$

$$\text{crescent moon} \text{ inverted triangle} \times * = * \text{ inverted triangle}$$

$$\text{four diamonds} \times * = \text{star in circle} \times$$

$$\text{star in circle} \times * = \text{yin yang}$$

$$\text{yin yang} \times * = \text{crescent moon} \text{ square with square inside}$$

$$\text{crescent moon} \times * = *$$

$$\text{teardrop} \times * = \text{crescent moon} \text{ teardrop}$$

Solution

$$\times =$$

$$\times =$$

$$\times =$$

$$\times =$$

$$\times =$$

$$\times =$$

$$\times =$$

$$\times =$$

$$\times =$$

$$\times =$$

--	--	--	--	--	--	--	--	--	--

Adapted from: <http://www.tes.co.uk>

Last updated: 3 November 2016

CODE BREAKER 4



Which multiplication table is this?

Clues: $s = 2$, $x = 7$

Write the numbers from the clues against each letter. Then use what you have to work out which letters stand for which numbers

Write the solution

Write out the code at the bottom when you are finished

You Will Need:

- Dry wipe pens

Who should you work with?

- On your own or with a friend



Code

$$\mathbf{wp} \times \mathbf{a} = \mathbf{ap}$$

$$\mathbf{q} \times \mathbf{a} = \mathbf{sx}$$

$$\mathbf{r} \times \mathbf{a} = \mathbf{xs}$$

$$\mathbf{t} \times \mathbf{a} = \mathbf{yt}$$

$$\mathbf{w} \times \mathbf{a} = \mathbf{a}$$

$$\mathbf{x} \times \mathbf{a} = \mathbf{nq}$$

$$\mathbf{n} \times \mathbf{a} = \mathbf{ty}$$

$$\mathbf{y} \times \mathbf{a} = \mathbf{qn}$$

$$\mathbf{s} \times \mathbf{a} = \mathbf{wr}$$

$$\mathbf{a} \times \mathbf{a} = \mathbf{rw}$$

Solution

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

$$X =$$

w

p

a

q

s

x

r

t

y

n

Adapted from: <http://www.tes.co.uk>

Last updated: 3 November 2016