

**WHAT IS A FRACTION - HELP**

**ANSWERS**

HEY MAX, YESTERDAY IT WAS MY COUSIN'S BIRTHDAY, AND HE HAD A GIANT CAKE. I ATE 2 OF THE 8 PIECES.

THAT MEANS YOU HAD  $\frac{2}{8}$  OF THE CAKE. THAT'S A FRACTION.

A FRACTION...WHAT'S A FRACTION?

A FRACTION NAMES THE PIECES OF SOMETHING. SEE THE CAKE HAD 8 PIECES AND YOU HAD 2 OF THEM. SO THE FRACTION TELLS US HOW MANY PIECES YOU HAD OF THE CAKE.

IF YOU LOOK DOWN ON THE CAKE, YOU'LL BE ABLE TO SEE ALL EIGHT PIECES.

SO THE BOTTOM NUMBER OF THE FRACTION, TELLS US THE TOTAL NUMBER OF PIECES.

AND I HAD TWO OF THEM, SO THE TOP NUMBER TELLS US HOW MANY I HAD.

WAIT A SECOND...WE CAN CREATE ANOTHER FRACTION THAT TELLS US HOW MANY PIECES ARE LEFT.

WOW, THAT'S BRILLIANT. IF WE LOOK AT THE CAKE, WE CAN SEE THAT THERE ARE 6 PIECES LEFT OF THE 8, WHICH WOULD BE  $\frac{6}{8}$ .

**WHAT IS A FRACTION - PRACTICE B**

**ANSWERS**

YOU CAN ALSO USE FRACTIONS TO NAME PARTS OF A GROUP. THERE ARE FIVE STARS IN THIS GROUP. HOW MANY ARE SHADED?

$\frac{3}{5}$  OF THE STARS ARE SHADED

$\frac{5}{8}$  ARE SHADED.

$\frac{3}{4}$  ARE SHADED.

$\frac{5}{7}$  ARE SHADED.

$\frac{2}{8}$  ARE **NOT** SHADED.

$\frac{1}{6}$  ARE **NOT** SHADED.

$\frac{9}{11}$  ARE **NOT** SHADED.

$\frac{4}{4}$  ARE SHADED.

$\frac{3}{7}$  ARE **NOT** SHADED.

$\frac{8}{10}$  ARE SHADED.

**WHAT IS A FRACTION - PRACTICE A**

**ANSWERS**

ON THIS EXAMPLE, YOU CAN SEE THAT ONE OUT OF THE THREE RECTANGLES IS SHADED.

WHEN YOU ARE CUTTING SOMETHING INTO PIECES, THE PIECES HAVE TO BE THE EXACT SAME SIZE TO BE A FRACTION.

$\frac{1}{3}$  IS SHADED

PIECES ARE THE SAME SIZE

$\frac{1}{3}$  HOW MANY ARE SHADED

$\frac{3}{3}$  TOTAL NUMBER OF PIECES

**WHAT IS A FRACTION - PRACTICE C**

**ANSWERS**

$\frac{1}{6}$  OF THE NUMBERS ARE ODD.

$\frac{2}{3}$  OF THE BOATS HAVE SAILES.

$\frac{2}{5}$  OF THE BUTTERFLIES HAVE SPOTS.

$\frac{4}{6}$  OF THE BOOKS ARE OPEN.

$\frac{3}{8}$  OF THE LETTERS ARE CAPITALIZED.

$\frac{2}{5}$  OF THE CHICKENS ARE WEARING HATS.

$\frac{1}{2}$  IS SHADED.

$\frac{2}{3}$  IS SHADED.

$\frac{3}{4}$  IS SHADED.

$\frac{1}{2}$  IS **NOT** SHADED.

$\frac{2}{6}$  IS **NOT** SHADED.

$\frac{4}{6}$  IS **NOT** SHADED.

$\frac{4}{7}$  OF THE NUMBERS ARE EVEN.

$\frac{2}{8}$  OF THE PENGUINS ARE LARGER.

$\frac{7}{9}$  OF THE FACES ARE HAPPY.

$\frac{4}{8}$  IS SHADED.

$\frac{6}{12}$  IS **NOT** SHADED.

$\frac{2}{4}$  IS SHADED.

$\frac{1}{3}$  OF THE BALLOONS ARE UPSIDE DOWN.

$\frac{5}{8}$  OF THE CANDLES ARE LIT.

$\frac{4}{4}$  OF THE BOWS ARE SHADED.