TOPIC 12 PREVIEW PPT

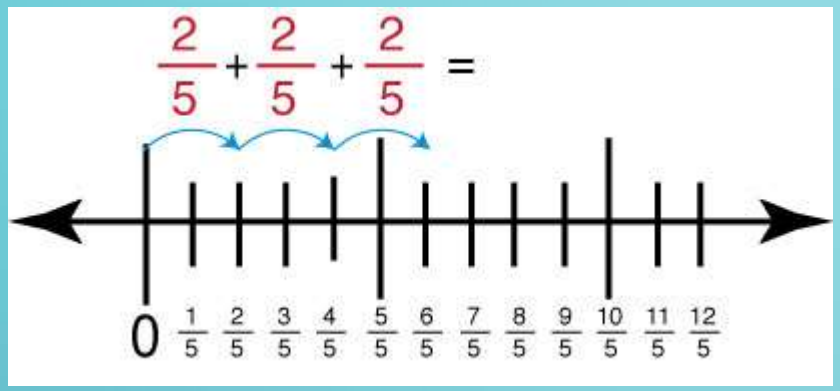
JEREMY NEEDS 1 FOOT OF STRING FOR HIS ART PROJECT. HE HAS 3 PIECES OF THE STRING. ONE PIECE IS 3/12 OF A FOOT LONG, ANOTHER IS ALSO 3/12 OF A FOOT LONG, AND THE LAST PIECE IS 2/6 OF A FOOT LONG. DOES HE HAVE ENOUGH STRING FOR HIS PROJECT? EXPLAIN, USING MODELS, HOW YOU FOUND YOUR ANSWER.

GIANNA WANTS TO RIDE HER BIKE FOR ONE MILE TO EXERCISE. SHE RODE 2/10 OF A MILE TO STATER BROTHERS, THEN 4/10 OF A MILE TO THE PARK. HOW MUCH FURTHER DOES GIANNA HAVE TO RIDE TO COMPLETE HER MILE RIDE? EXPLAIN HOW YOU GOT YOUR ANSWER.

SOLVE THE FOLLOWING:

$6\ 2/7 \quad - \quad 3\ 4/7$

$8\ 6/9 \quad - \quad 5\ 7/9$



SOLVE

MANUEL AND CHRISTIAN WERE AT THEIR BASKETBALL GAME LAST WEEKEND. THEY HAD A PARTY AFTERWARDS AND EACH PLAYER ON THEIR 8 MAN TEAM HAD A PIECE OF CAKE. IF THE CAKE WAS CUT INTO 14 PIECES, WAS MORE OR LESS THAN HALF OF THE WHOLE CAKE EATEN BY THE TEAM?

WRITE A NUMBER SENTENCE USING FRACTIONS TO SHOW HOW MUCH OF THE CAKE WAS EATEN.

DECOMPOSE THE FRACTION 7/12 IN 4 DIFFERENT WAYS. SHOW USING NUMBER SENTENCES WITH FRACTIONS.
(IE: 1/12 + 6/12=7/12)

SEONNA IS MAKING A FRUIT SMOOTHIE. SHE HAS 2 ¾ CUP OF RASPBERRIES AND 1 ¾ CUP OF STRAWBERRIES. THE RECIPE CALLS FOR 5 CUPS OF FRUIT ALL TOGETHER. DOES SEONNA HAVE ENOUGH FRUIT TO MAKE HER SMOOTHIE? IF NOT, HOW MUCH MORE DOES SHE NEED? JUSTIFY YOUR RESPONSE USING A NUMBER LINE OR A MODEL.

MRS. GUMZ HAS A GARDEN IN HER BACKYARD. SHE IS USING 2/10 OF HER YARD FOR A VEGETABLE GARDEN AND 4/10 OF HER YARD FOR FRUIT TREES. HER SONS ARE GETTING MAD BECAUSE THEY SAY SHE IS USING UP MORE THAN HALF OF THE BACKYARD. DO YOU AGREE WITH HER SONS? EXPLAIN YOUR ANSWER WITH A MODEL OF THEIR YARD.

$1/3 + 1/3 =$

$2/7 + 3/7 + 1/7 =$

$4/12 + 3/12 + 1/12 + 1/12 =$

$5\ 1/4 + 6\ 2/4 =$

$7\ 4/9 + 3\ 7/9 =$

$5/13 - 2/13 =$

$7/20 - 4/20 =$

MR ROSSEN FILLED A BAG WITH CRAYONS. 2/12 OF THE CRAYONS WERE BLUE. 4/12 OF THE CRAYONS WERE YELLOW. HE HAS TWO MORE COLORS OF CRAYONS. HE WILL USE HALF OF THE REMAINING SPACE FOR RED CRAYONS AND THE OTHER HALF FOR ORANGE CRAYONS. DRAW A NUMBER LINE THAT REPRESENTS EACH FRACTION OF THE COLORS OF THE CRAYONS IN THE BAG. WHAT FRACTION OF THE CRAYONS WERE ORANGE?