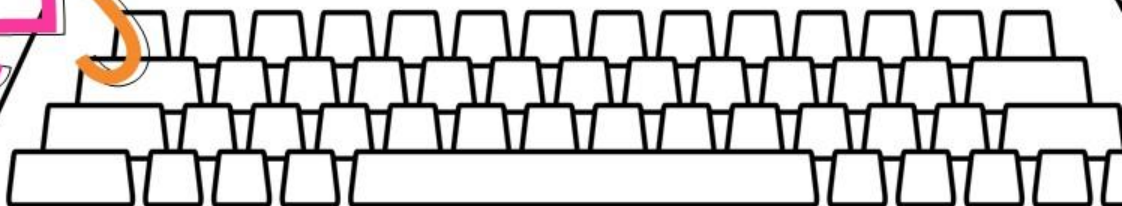# Ratios equivalent Ratios & unit Rates

13

CLICK & DRAG THE NUMBERS TO COMPLETE THE TAPE DIAGRAM.

A CUPCAKE RECIPE CALLS FOR 4 CUPS OF FLOUR AND 2 CUPS OF SUGAR. ANGELICA ONLY HAS 3 CUPS OF FLOUR. HOW MUCH SUGAR WOULD SHE NEED TO KEEP THE RATIO EQUIVALENT IF SHE USES ALL THE FLOUR SHE HAS?
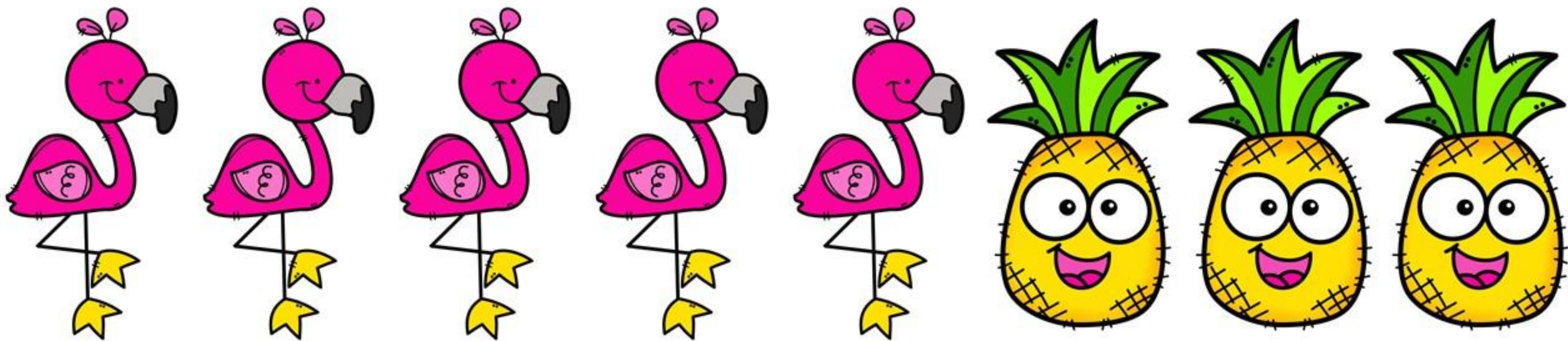
cups of flour

0

0

cups of sugar

TYPE THE RATIO OF FLAMINGOS TO PINEAPPLES IN ALL THREE WAYS.

1

[ ] to [ ]

[ ] : [ ]

[ ] / [ ]

French Toast

5 eggs
¾ cup milk
2 TBSP cinnamon
1 tsp vanilla
1 loaf of sliced bread

Beat eggs, milk, cinnamon & vanilla together in bowl. Dip each side the bread in the mixture & cook on medium high heat until golden brown.

#	to	#

#	:	#

$$\frac{\#}{\#}$$

CLICK & DRAG THE RATIOS TO SHOW WHICH ARE CORRECT VS. INCORRECT.

ON THE 6ᵗʰ GRADE CAMPING TRIP, THERE ARE 2 ADULTS FOR EVERY 11 STUDENTS. WHAT IS THE RATIO OF ADULTS TO STUDENTS?

CORRECT

INCORRECT

| 2 to 11 | 11:2 | 4:5 | 11 to 2 | $\frac{2}{11}$ | $\frac{11}{2}$ | $\frac{1}{1}$ |
| 2:11 | 2 to 13 | 6:10 | 5 to 3 | | | |

the Ratio of HEARTS to total SHAPES is 3:8

5 IN A FISH TANK, THERE ARE 5 STARFISH FOR EVERY 4 PIRANHAS. TYPE 3 EQUIVALENT RATIOS.

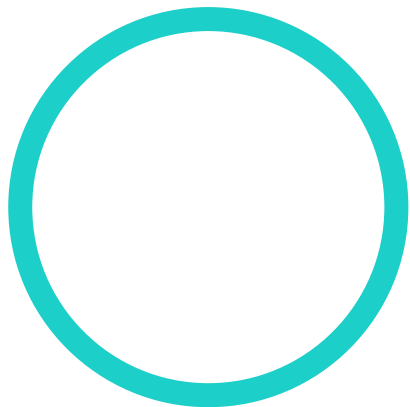| # : # | # : # | # : # |
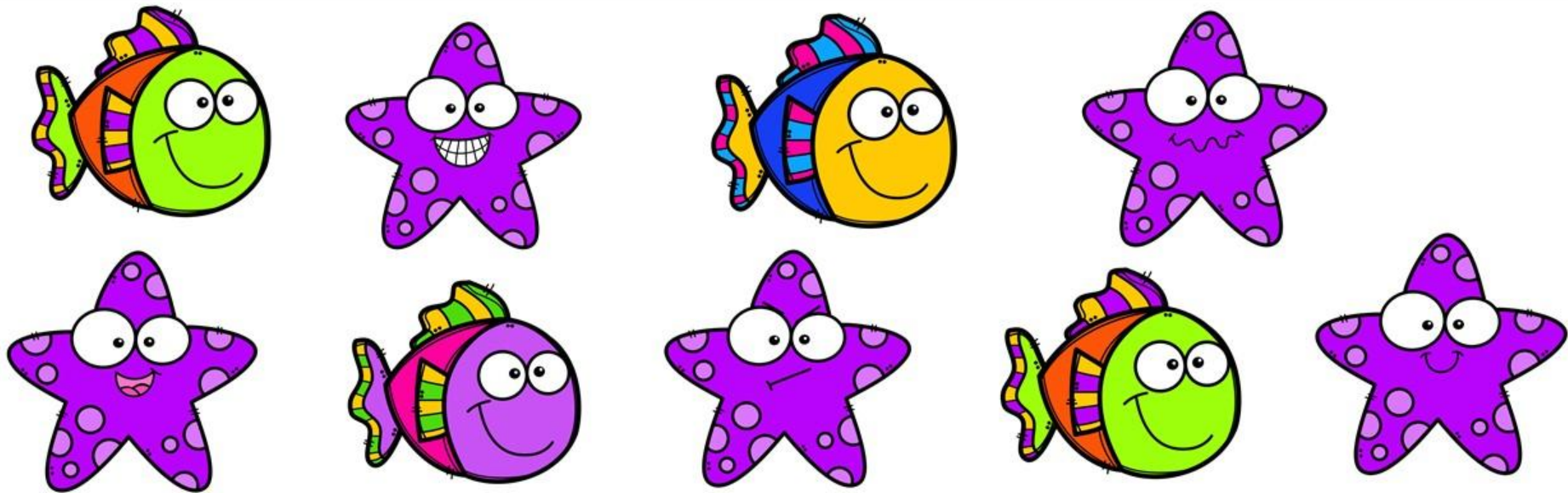
the RAtio of BOYS to gIRLS in the 6TH gRAde iS 3 to 4. if tHERE ARe 39 BOYS, HOW MANY gIRLS ARE tHERE?

64

39

52

40

TYPE YOUR ANSWER.

IN MRS. SMITH'S CLASS, EVERY TIME YOU TURN IN 10 ASSIGNMENTS YOU EARN 1 HOMEWORK PASS. WRITE 3 EQUIVALENT RATIOS OF TURNED IN ASSIGNMENTS TO HOMEWORK PASSES.

1

to

2

to

3

to

At the grocery store, 2 bags of chips cost $6. Complete the table.

18   6

8   25

3   27

30   4

Number of Bags	Cost
2	$6
	$9
6	
	$24
10	

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TYPE THE ANSWER BY EACH PERSON.

At the Costco™ food court, a family can purchase 4 hot dog meals for $6. What is the cost per person?

#

#

#
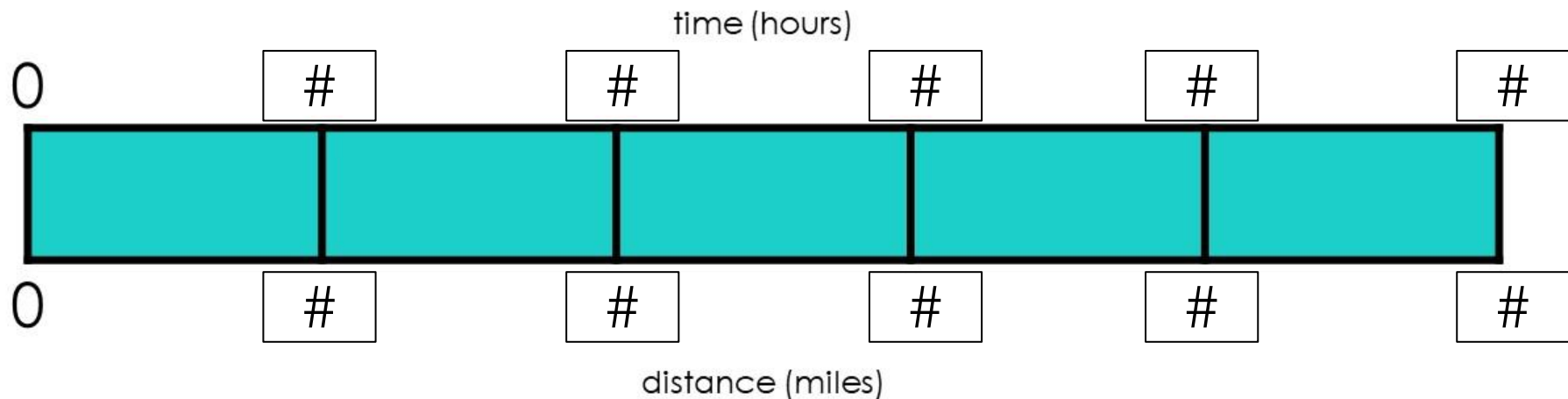
#

DURING A MARATHON, A CERTAIN RUNNER HAS RUN 25 MILES IN 5 HOURS.

time (hours)

0   [#]   [#]   [#]   [#]   [#]

0   [#]   [#]   [#]   [#]   [#]

distance (miles)

How long did it take the runner to run 15 miles?

type your answer here

At the store, Finlay bought 48 ounces of candy for $4. How many ounces could he buy for $1?
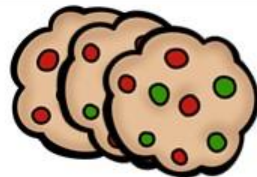
type answer here

A PACKAGE OF OREOS™ HAS 51 COOKIES. IF THERE ARE 3 ROWS OF COOKIES IN EACH PACKAGE, HOW MANY COOKIES ARE IN EACH ROW?
WHAT IF THERE WERE FOUR ROWS OF COOKIES - HOW MANY COOKIES WOULD BE IN A PACKAGE?

	How many cookies in 1 row?	#
	How many would be in a package with 4 rows?	#

A CUPCAKE RECIPE CALLS FOR 4 CUPS OF FLOUR AND 2 CUPS OF SUGAR. ANGELICA ONLY HAS 3 CUPS OF FLOUR. HOW MUCH SUGAR WOULD SHE NEED TO KEEP THE RATIO EQUIVALENT IF SHE USES ALL THE FLOUR SHE HAS?

cups of flour

0

0

cups of sugar

1	2	0.5	1	4	3	0
3.5	2	3	1.5	2.5	5	6
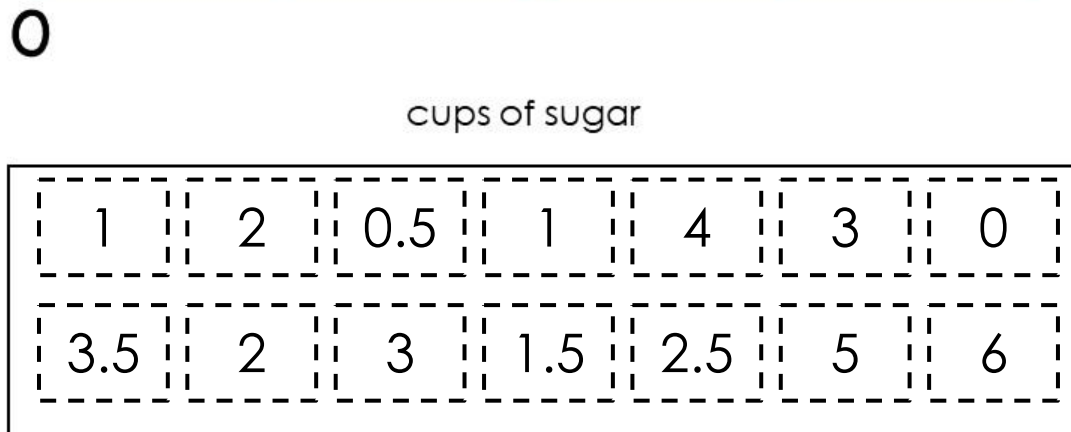
How much sugar is needed?

type answer here

YOU'RE HAVING A BBQ THIS WEEKEND, AND YOU'RE IN CHARGE OF THE HAMBURGER MEAT. THERE IS A SALE WHERE YOU CAN PURCHASE 5 POUNDS OF MEAT FOR $10. AT THIS RATE, HOW MANY POUNDS COULD YOU BUY FOR $30?
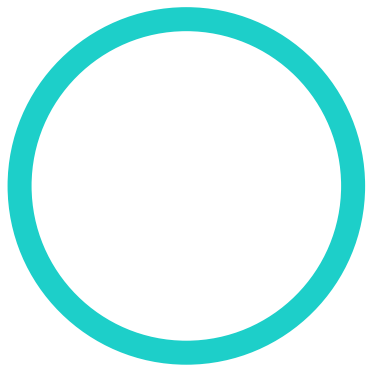
10   60   30   15

35   25   20

ON AVERAGE, A PERSON SPENDS $240 EVERY 3 MONTHS ON THEIR CELL PHONE BILL. WHAT WOULD THE PRICE FOR 1 MONTH BE? HOW MUCH WOULD THIS PERSON PAY OVER THE COURSE OF 1 YEAR?

FOR 1 MONTH

type answer here

FOR 1 YEAR

type answer here

STUART OWNS A WINDOW WASHING BUSINESS. HE CAN WASH THE WINDOWS ON 9 HOUSES IN 4 HOURS. AT THIS RATE, HOW LONG WOULD IT TAKE HIM TO WASH THE WINDOWS ON 45 HOUSES? HOW MANY HOUSES COULD HE WASH IN 12 HOURS?

Number of Houses	Time (Hours)
9	4
type answer here	8
27	type answer here
type answer here	16
45	type answer here

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TYPE YOUR ANSWERS TO COMPLETE THE TABLES AND TYPE A RESPONSE.

At WALMART™, you CAN BUY 8 Hot dog BUNS foR $2. At CoStCo, you CAN BUY tHe SAMe Hot dog BUNS, But tHey ARe $5.60 foR 16. uSiNg two tABLeS, deCide WHo HAS tHe BetteR deAL!

Walmart	
Number of Hot Dog Buns	Price
8	$2
#	#
#	#
#	#

Costco	
Number of Hot Dog Buns	Price
16	$5.60
#	#
#	#
#	#

Who sells the cheapest hot dog bun?

type answer here

AMY CAN RUN tHE 150 MeteR dASH iN 50 SeCoNdS. JoHN CAN RUN 1200 MeteRS iN 400 SeCoNdS. WHO RUNS FASTeR PeR SeCoND?

How fast does Amy run?

type answer here

Who runs the fastest?

type answer here

How fast does John run?

type answer here

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YOUR PARENTS ARE INTERESTED IN THE AMOUNT OF SUGAR IN TWO DRINKS. THE APPLE JUICE HAS 216 GRAMS OF SUGAR FOR EVERY 8 SERVINGS. THE SODA HAS 234 GRAMS OF SUGAR FOR EVERY 9 SERVINGS. CALCULATE WHICH DRINK HAS MORE & WHICH DRINK HAS LESS SUGAR PER SERVING.

APPLE JUICE

SODA

MORE SUGAR

LESS SUGAR

THE WORKMAN'S FAMILY CAR TRAVELS 165 MILES OVER 3 HOURS. THEIR COUSINS' FAMILY CAR TRAVELS 150 MILES OVER 2 HOURS. IF THE FAMILY REUNION IS 900 MILES AWAY FOR BOTH FAMILIES, AND ASSUMING BOTH FAMILIES CONTINUE AT THE SAME RATES, WHO WILL ARRIVE FIRST? WHAT IS THE SPEED OF EACH FAMILY?

WHO ARRIVES FIRST?

type answer here

WHAT IS THE WORKMAN'S SPEED?

type answer here

WHAT IS THE COUSIN'S SPEED?

type answer here