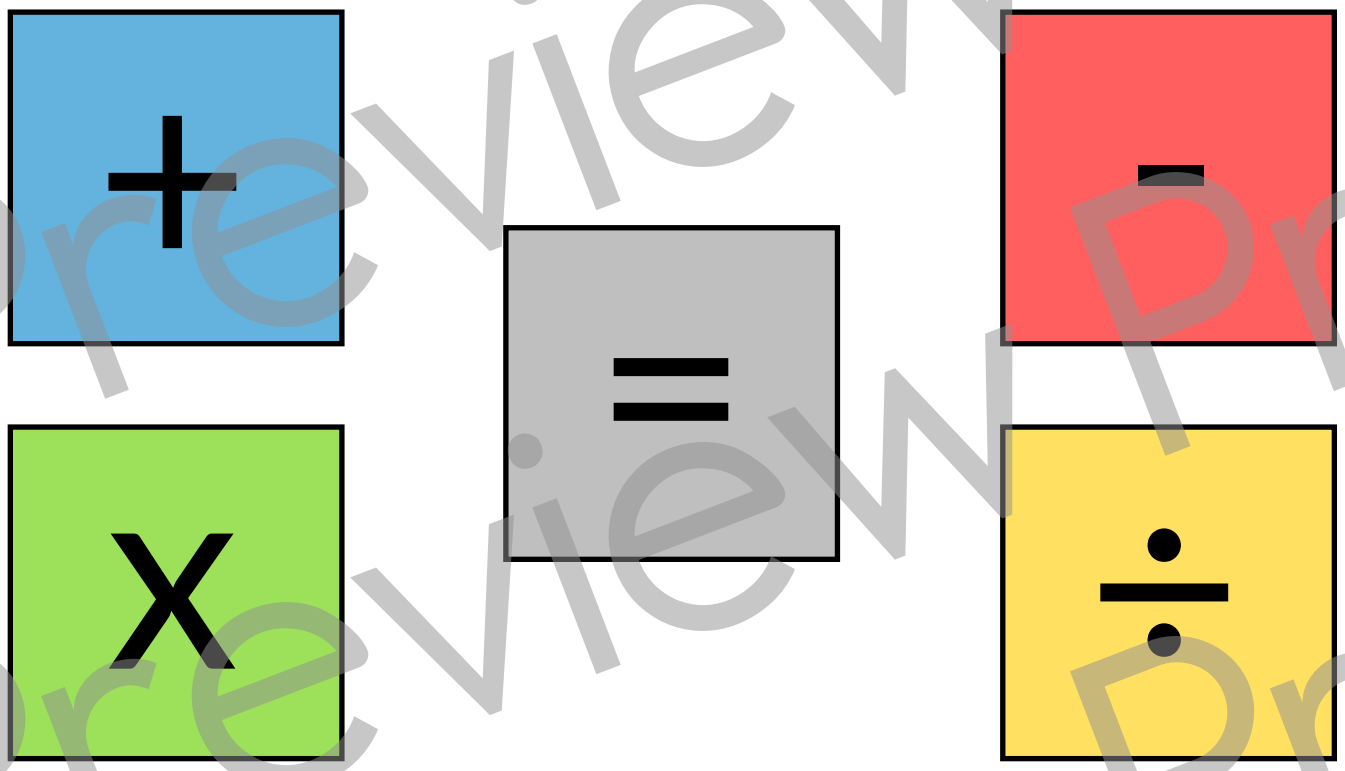
Making Inferences

MATH OPERATIONS



Directions:

Choose a word problem card and read it. Use clue words in the problems to make an inference about which math operation or operations you will need to use to solve the problem. Use the symbol and number cards along with the worksheet to create and solve the math problems.

Preview

Jessy found 15 apples under the tree. She had 3 baskets. How many apples can she put in each basket so that each basket has the same amount of apples?

Which operation will help you solve this problem?
Use the symbol and number cards to create and solve the problem.

Mark counted about 250 ants in the colony. If there were 4 different colonies about the same size, estimate how many total ants there would be?

Which operation will help you solve this problem?
Use the symbol and number cards to create and solve the problem.

Tony had exactly 10 gallons of gas in his car. He drove his car 192 miles. If his car went 32 miles per gallon of gas, how many gallons of gas should he have left in his car?

This is a 2-Step Problem...Which operations will help you solve this problem?
Use the symbol and number cards to create and solve the problem.

Each day of the week, rainfall was collected and measured. Mon., Tues., and Wed. it rained 2 inches per day. Thurs., it rained 2 times as much as Wed.. Fri., it rained 1 inch. How much did it rain in all?

Which operation will help you solve this problem?
Use the symbol and number cards to create and solve the problem.

Jake has 10 videos on his Youtube channel, 50 subscribers, and users have watched his videos a total of 5,982 times. If 8 videos have a total of 3,322 views, how many views do the other 2 have?

Which operation will help you solve this problem?
Use the symbol and number cards to create and solve the problem.

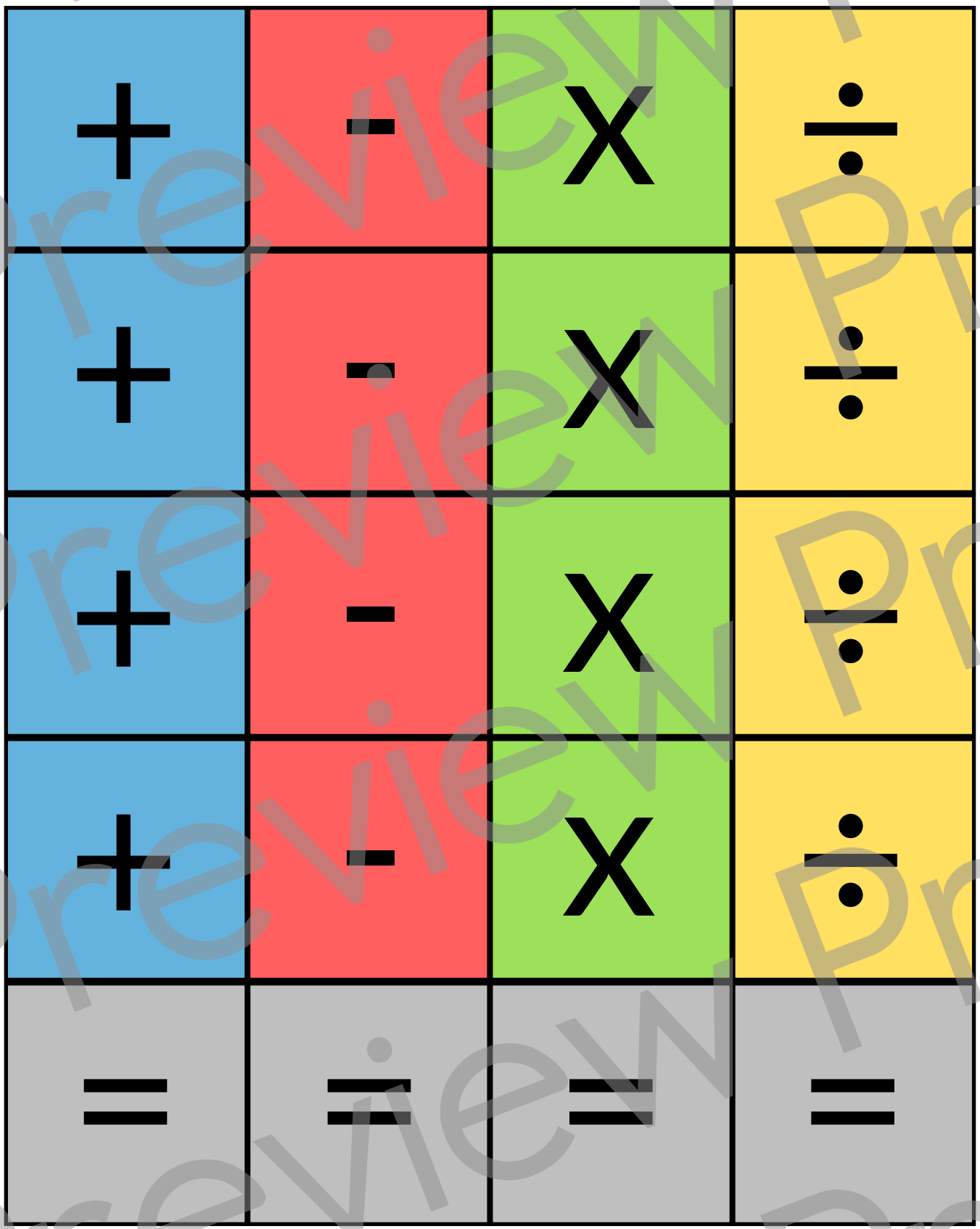
Bart played Minecraft on Saturday from 11am until 1pm. He ate lunch from 1pm-1:30pm, then went outside to play for 45 minutes, and he just finished reading for 45 minutes. What time is it?

Which operation will help you solve this problem?
Use the symbol and number cards to create and solve the problem.

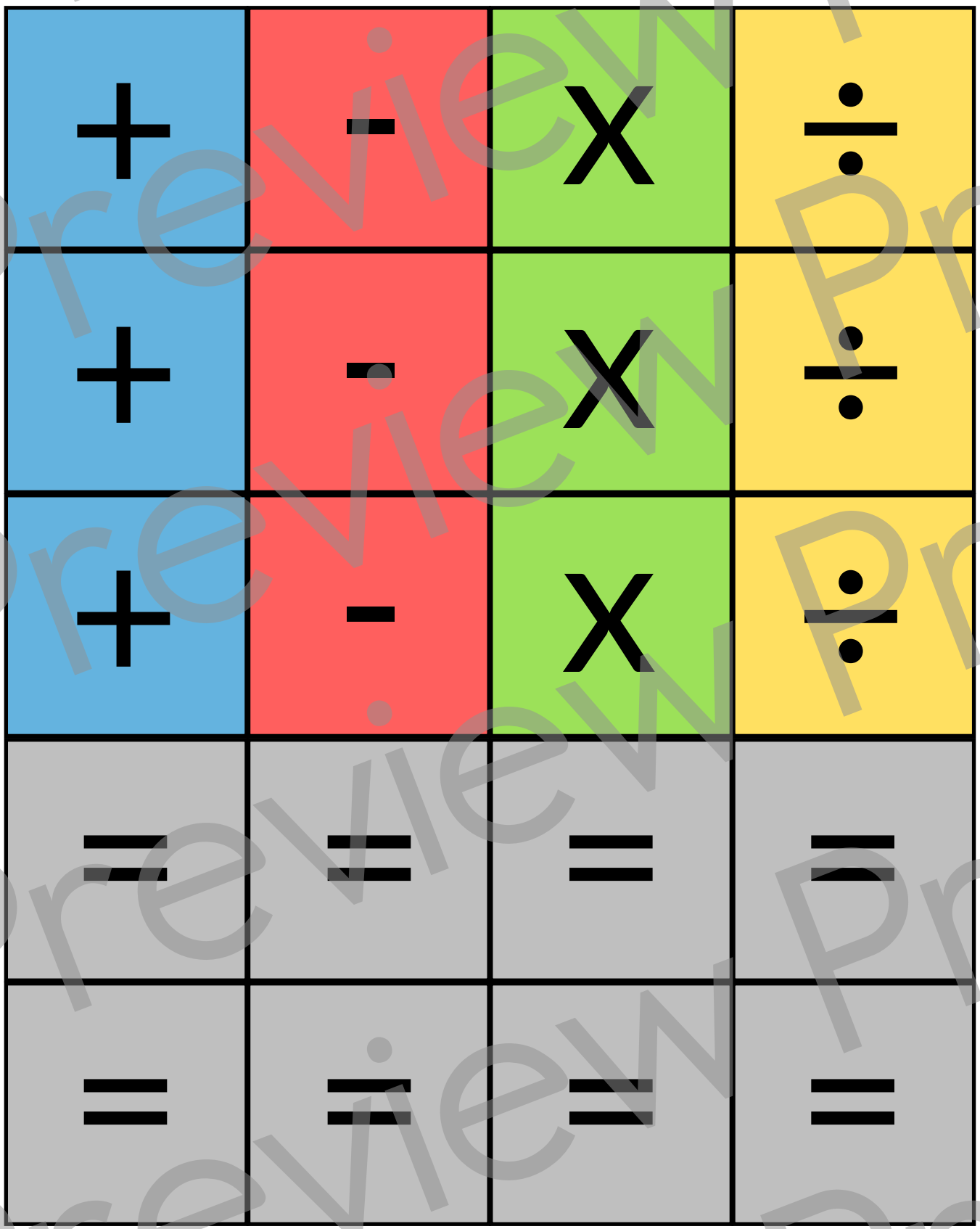
The temperature was 74 degrees in the morning, 84 degrees during the day, and 68 degrees at night. Was there a larger temperature difference between the morning and day or day and night?

Which operation will help you solve this problem?
Use the symbol and number cards to create and solve the problem.

Preview Preview Preview Preview Preview Preview



Preview



Preview

Preview

15	3	5	250
4	1,000	192	32
6	10	6	4
2	2	2	4
1	11	5,982	3,322

Preview

2,660	2 hours	.5 hours	.75 hours
.75 hours	4	4pm	5pm
84	74	10	84
68	16	Mon	Tues
Wed	Thurs	Fri	

Preview

Answer Key

Jessy found 15 apples under the tree. She had 3 baskets. How many apples can she put in each basket so that each basket has the same amount of apples?

Which operation will help you solve this problem? **Division**
15 apples ÷ 3 baskets = 5 apples in each basket

Mark counted about 250 ants in the colony. If there were 4 different colonies about the same size, estimate how many total ants there would be?

Which operation will help you solve this problem? **Multiplication**
250 ants per colony x 4 colonies = About 1,000 total ants

Tony had exactly 10 gallons of gas in his car. He drove his car 192 miles. If his car went 32 miles per gallon of gas, how many gallons of gas should he have left in his car?

Which operations will help you solve this problem? **Division and Subtraction**
192 miles ÷ 32 mpg = 6 gallons used 10 total gallons - 6 gallons used = 4 gallons left

Each day of the week, rainfall was collected and measured. Mon., Tues., and Wed. it rained 2 inches per day. Thurs., it rained 2 times as much as Wed.. Fri., it rained 1 inch. How much did it rain in all?

Which operation will help you solve this problem? **Addition**
Monday 2 + Tuesday 2 + Wednesday 2 + Thursday 4 + Friday 1 = 11 inches in all

Jake has 10 videos on his Youtube channel, 50 subscribers, and users have watched his videos a total of 5,982 times. If 8 videos have a total of 3,322 views, how many views do the other 2 have?

Which operation will help you solve this problem? **Subtraction**
5,982 views - 3,322 views = 2,660 views

Bart played Minecraft from 11am until 1pm. He ate lunch from 1pm-1:30pm, then went outside to play for 45 minutes, and he read a book for 45 minutes. How many hours passed?

Which operation will help you solve this problem? **Addition**
2 hours + 30 minutes (.5 hours) + 45 minutes (.75 hours) + 45 minutes (.75 hours) = 4 hours

The temperature was 74 degrees in the morning, 84 degrees during the day, and 68 degrees at night. Was there a larger temperature difference between the morning and day or day and night?

Which operation will help you solve this problem? **Subtraction**
Morning to Day: 84 - 74 = 10 degrees Day to Night: 84 - 68 = 16 degrees