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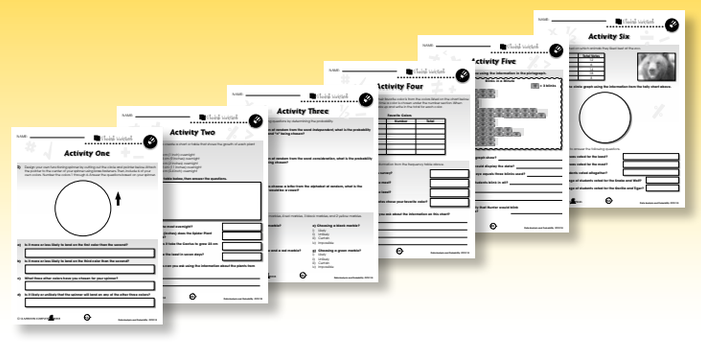

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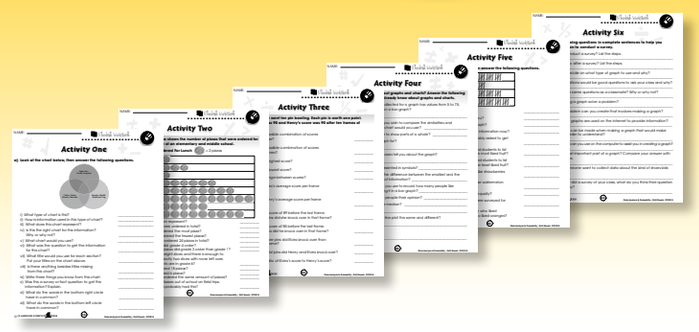


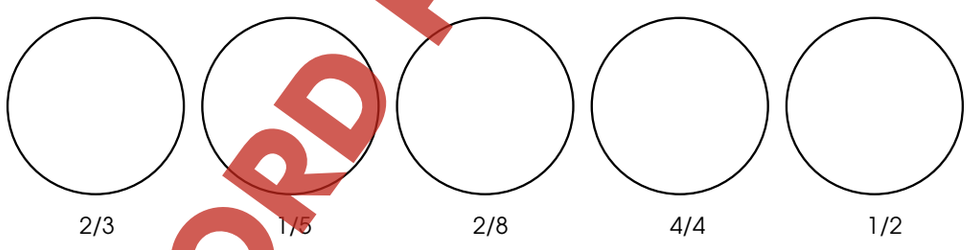
NAME: _____ 1+2 Task Sheet

Task Sheet 3

3) **Amanda's cross country coach was so proud of the team for their hard work that he bought them all pizza. Each class ordered a different number of slices for each type of pizza.**

Create a circle graph to match the fraction for each pizza, then color each portion in. The first one has been done for you.

3/4 4/5 6/8 4/10 1/3



2/3 1/5 2/8 4/4 1/2

Reflection

Survey your classmates to find out what pizza they like best. Create a circle graph in a drawing program on the computer to display the information you collected. Compare your answers with another class.

NAME: _____ 1+2 Task Sheet

Task Sheet 7

7) Chung Lee's school has 200 students. A portion of these students sign up for different extracurricular activities.

- 36 sign up for Art Club
- 44 sign up for Science Club
- 23 sign up for Drama Club
- 28 sign up for Chess Club
- 52 sign up for Photography Club

a) What percentage of students signed up for Art Club?

i) 12 ii) 22 iii) 18

b) What percentage of students signed up for Science Club?

i) 22 ii) 45 iii) 31

c) What percentage of students signed up for Drama Club?

i) 12 ii) 25 iii) 28

d) What percentage of students signed up for Chess Club?

i) 8 ii) 14 iii) 22

e) What percentage of students signed up for Photography Club?

i) 23 ii) 26 iii) 29

f) How many students in total signed up for extracurricular activities?

i) 165 ii) 176 iii) 183

Explore With Technology

Visit http://nces.ed.gov/nceskids/createagraph and create two charts (bar, circle, or pictograph) to display the information above for number of students in a club and percentage of students in a club.

NAME: _____ Timed Drill Sheet # 2

Minutes

3a) A box contains marbles. There are 8 orange marbles, 4 green marbles, 2 blue marbles, and 3 red marbles. Find the probability for each option below.

Ex: Choosing a green and red marble? 7 in 17

i) Choosing an orange marble? _____

ii) Choosing a green marble? _____

iii) Choosing a blue marble? _____

iv) Choosing a red marble? _____

v) Choosing an orange and a green marble? _____

vi) Choosing a blue and green marble? _____

vii) Choosing a red and orange marble? _____

viii) Choosing a blue and red marble? _____

ix) What are the chances that orange will not be picked? _____

x) What are the chances of choosing a marble that is not red? _____

xi) If you do not look into the box, what color marble are you most likely to choose? _____

xii) If you do not look into the box, what color marble are you least likely to choose? _____

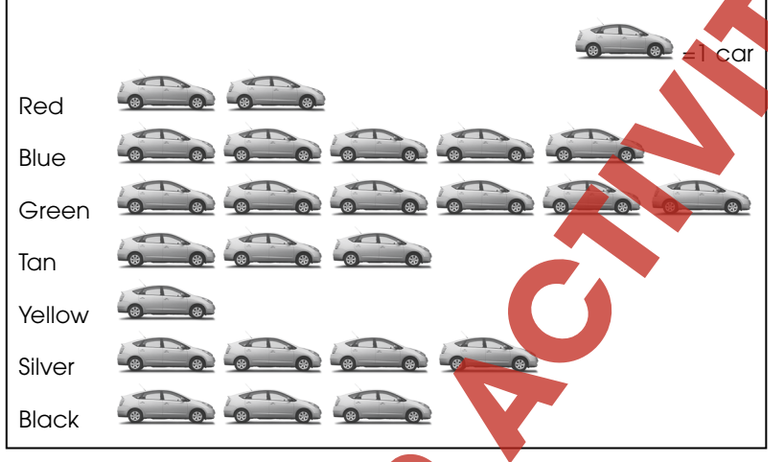
Explore with Technology

Create patterns of colored marbles or tiles on a paint program on your computer. Create probability questions for your picture and share with your classmates.

NAME: _____ Warm-Up Drill Sheet # 3

7a) The pictograph below shows the number of colored cars parked at the local convenience store.

Color of Cars Parked at Convenience Store



= 1 car

Red
Blue
Green
Tan
Yellow
Silver
Black

i) How many cars are there in total at the convenience store parking lot? _____

ii) How many blue cars are in the parking lot? _____

iii) How many green cars are in the parking lot? _____

iv) How many tan and yellow cars are in the parking lot? _____

v) How many silver and black cars are in the parking lot? _____

vi) More cars are which color than any other? _____

vii) The fewest cars are which color than any other? _____

viii) There are the same number of which color cars in the lot? _____

ix) How many more cars are green than tan? _____

x) How many more cars are silver than tan? _____

xi) How many fewer cars are red than green? _____

xii) How many fewer cars are tan than green? _____

Reflection

How might the vehicles in the parking lot change if it was a school? Explain your thinking.

WORD PROBLEMS
TIMED ACTIVITIES
WARM-UP ACTIVITIES

Review Sheet NAME: _____

Review A

a) The following numbers are placed in a bag. When choosing a number from the bag, what is the probability that the following will happen?

i) What numbers are you mostly likely to choose? _____

ii) What numbers are you least likely to choose? _____

iii) What is the ratio of 7's to 5's? _____

iv) How many odd numbers could be chosen? _____

v) How many even numbers could be chosen? _____

vi) What is the probability of choosing an odd number? _____

vii) What is the probability of choosing an even number? _____

viii) What numbers are less likely to be chosen than an 8? _____

ix) What numbers are more likely to be chosen than a 3? _____

x) What is the probability of choosing a two digit number? _____

xi) What is the probability of choosing a single digit number? _____

xii) What is the ratio of odd numbers to even numbers? _____

REVIEW ASSESSMENT

NAME: _____ Review Sheet

Review B

a) Tad rolled two standard dice twelve times. He calculated the total number of each two-dice combination and wrote down his results in the chart below.

Roll	Total	Roll	Total	Roll	Total
1	5	**5**	7	**9**	8
2	7	**6**	9	**10**	5
3	11	**7**	2	**11**	7
4	6	**8**	12	**12**	9

i) Which total did Tad roll the most? _____

ii) Which totals did Tad roll the least? _____

iii) How many odd numbered totals did Tad roll? _____

iv) How many even numbered totals did Tad roll? _____

v) How many times did Tad roll a 5? _____

vi) What are two possible dice pairs Tad could have rolled for Roll 12? _____

vii) What are two possible dice pairs Tad could have rolled for Roll 4? _____

viii) According to these results, which total is Tad most likely going to roll? _____

ix) What fraction of the rolls were even numbers? _____

x) What fraction of the rolls were odd numbers? _____

xi) What two-dice combination numbers were not rolled? _____

xii) How many rolls did it take for Tad to roll an even number? _____

REVIEW ASSESSMENT

Review Sheet NAME: _____

Review C

a) A standard dart board is shown to the right.

i) What is the probability of hitting any number on the dart board? _____

ii) What is the probability of hitting a number on the bottom half of the dart board? _____

iii) Is it likely, unlikely, certain, impossible to hit a bull's-eye? _____

iv) Is it likely, unlikely, certain, impossible to hit a bull's-eye five times in a row? _____

v) Is it likely, unlikely, certain, or impossible to hit an even number 5 times out of ten shots? _____

vi) What is the probability of hitting an odd number, not including the bulls-eye? Explain as a ratio. _____

vii) What is the probability of hitting an even number not including a bulls-eye? Explain as a ratio. _____

viii) If the score of the first five shots was 86, what numbers did the shooter hit? Show one way. _____

ix) If the score of the first three shots was 42, what numbers did the shooter hit? Show one way. _____

x) If the score of the first four shots was 36, what numbers did the shooter hit? Show one way. _____

xi) If the score of the first two shots was 21, what numbers did the shooter hit? Show one way. _____

xii) If the score of the first six shots was 79, what numbers did the shooter hit? Show one way. _____

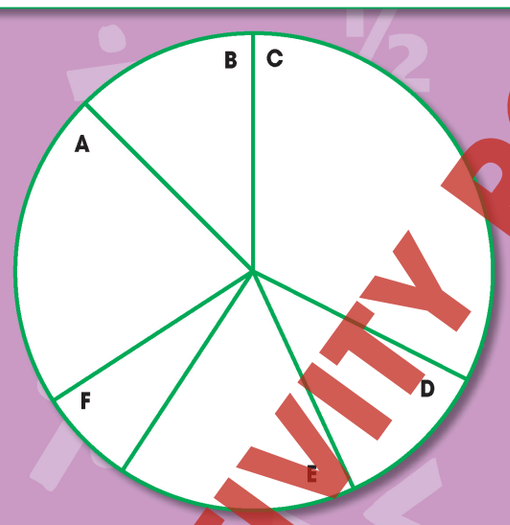
REVIEW ASSESSMENT

Calculating Popsicle Sales

The School Parent Council is having a Popsicle sale to raise money for the school library.

Look at the section of the circle graph carefully. The smallest section will be the least number of popsicles sold. Using the information below, finish the circle graph by writing the grade and amount of popsicles sold into their corresponding section.

Grade 1: 48 Popsicles sold
Grade 2: 18 Popsicles sold
Grade 3: 25 Popsicles sold
Grade 4: 15 Popsicles sold
Grade 5: 30 Popsicles sold
Grade 6: 19 Popsicles sold



a) Which grade bought the most popsicles? _____

b) Which grade bought the fewest popsicles? _____

c) How many more popsicles did the Grade 1s buy than the Grade 5s? _____

d) How many popsicles were sold in all? _____

ACTIVITY POSTERS

NAME: _____

Timed Drill Sheet # 7

Minutes

11a) Each letter of the word MATHEMATICS is written on a card and placed in a cloth bag. Cards are chosen at random from the bag. Find the probability that the card chosen will be the following.

Ex: The letter "M" or "A". 4 in 11

i) The letter "A". _____

ii) The letter "C". _____

iii) The letter "E". _____

iv) The letter "M". _____

v) The letter "T". _____

vi) The letter "I". _____

vii) The letter "H". _____

viii) The letter "S". _____

ix) A vowel. _____

x) A consonant. _____

xi) A letter between A and M. _____

xii) A letter between N and Z. _____

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EASY MARKING ANSWER KEY

11.

a)
i) 2 in 11

ii) 1 in 11

iii) 1 in 11

iv) 2 in 11

v) 2 in 11

vi) 1 in 11

vii) 1 in 11

viii) 1 in 11

ix) 4 in 11

x) 7 in 11

xi) 8 in 11

xii) 3 in 11

39

12.

a)
i) 27

ii) 43

iii) 25.5

iv) 43

v) 19

vi) 24

vii) 2

viii) 14

ix) 20

x) 250

xi) 450

xii) 550

xiii) 250

xiv) 225

40

13.

a)
i) 10 laps

ii) 2 laps

iii) 6 students

iv) 8 students

v) 14 students

vi) 4 students

vii) 5 more students

viii) 3 and 4 laps

ix) 2 laps

x) 6 laps

xi) 10 laps

xii) 9 and 12

41

14.

EZ

a)
i) Answers will vary.

ii) 5

iii) Answers will vary.

iv) Maple Leafs

v) Rangers

vi) Maple Leafs

vii) Rangers

viii) Flyers and Rangers

ix) Maple Leafs

x) Answers will vary.

xi) 20 shots

xii) 10

42