



QUESTION CATALOGUE

Math Grade 3-4

Table of Contents

1. Mathematical Reasoning

A. Draw conclusions about mathematics	
1. Factor & product relationships	1
2. Statements using: "and", "or", "not"	4
3. Draw diagrams for problems	6
B. Analyze mathematical situations	
1. Add., sub., mult., in number patterns	9
2. Patterns in number sequences	11
3. Symmetry or patterning in number tables	12
4. Money as related to fractions and decimals	14
C. Justify their answers & solution processes	
1. Verify an answer to a problem	19
2. Justify answers with estimation & checking	22
D. Simple conclusions through logical reasoning	
1. Solve problems with diagrams, charts, & tables	24
2. Solve problems with estimation, patterns	34
3. Identify missing/extra info. in problems	36

2. Number and Numeration

A. Use numbers to count objects & measure distance	
1. Read & write whole numbers	39
2. Ordinal numbers	41
3. Relate fractions & decimals to money	43
4. Use of fractions & decimals in daily life	51
B. Number relationships w/ concrete materials	
1. Place value models	57
2. Odd & even numbers from add., sub., mult.	61
3. Prime numbers	62
4. Divide a figure into equal parts	63
5. Order unit fractions & decimals	65
6. Find equivalent fractions	66
7. Negative & positive values	68
8. Skip counting	70

C. Relate counting to grouping & to place value	
1. Place value concepts	71
D. Order of integers, fractions & decimals	
1. Whole numbers to millions	75
2. Fractions	77
3. Decimals	79
4. *Equivalent fractions and decimals	80
E. Ratio and percent problems in actual situations	
1. Percents	81
2. Ratio in real world situations	84
F. *Add/Sub/Mult/Divide Decimals & Fractions	
1. *Decimals	88
2. *Fractions	93

3. Operations

A. Add, subtract, multiply, & divide whole numbers	
1. Add. and sub. of integers	95
2. Subtraction with zeros in the minuend	106
3. Multiply 2 & 3 digit numbers	107
4. Multiplication by multiples of 10	112
5. Division of 2 & 3 digit numbers	113
B. Select the correct operation to solve a problem	
1. Using diagrams & charts	117
2. Using open sentences	119
3. Using com., assoc., distr., inv. properties	123
4. Looking for patterns	124
5. Breaking problem into parts	125
C. Know single digit add., sub., mult., div. facts	
1. Inverse relationships of operations	129
2. Special role of zero	130
3. Multiplication & division facts through 144	131
4. Application of identity elements of add./mult.	136
D. Understand the com. & assoc. properties	
1. Commutative property: addition, multiplication	137
2. Associative property: addition, multiplication	138

4. Modeling/Multiple Representation

A. Materials to model spatial relations

1. Properties of plane figures	
a. Quadrilaterals	139
b. Triangles	142
c. Circles	145
d. Other polygons	147
2. Properties of solid figures	149
3. Designs & patterns with geometric figures	152
4. *Transformations	
a. *Rotation	156
b. *Reflection	158
5. *Similar and congruent figures	159

B. Tables, charts, & graphs

1. *Coordinate plane	
a. *Ordered pairs	161
b. *Geometry and the coordinate plane	167
2. Graphs & charts of real-world data	169
3. Conclusions & predictions from graphs	188

C. Multiple representations in common procedure

1. Perimeter, area, & volume by counting units	197
2. Area of circles by counting units in a grid	199
3. Volume by filling space w/ objects	200

D. Use variables to predict changes over time

1. Temperatures & heights over time	201
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E. Materials for processes & geometric concepts

1. Geometry terms	203
2. Common plane & solid geometric figures	205
3. Construction tools: ruler, compass, protractor	207
4. Lines of symmetry	209

5. Measurement

A. Understand that measurement is approximate	
1. Identify appropriate metric units	213
B. Select appropriate measurement tools	
1. Select proper (non)standard measurements	215
2. Relate decimal concepts to metric measurements	217
3. Relate the clock face to fractions of a circle	218
C. Measured attributes: area, volume, time, weight	
1. Measurement problems: Time	219
2. Area & volume by counting units	227
3. Measurement problems: Weight	228
4. Measurement problems: literature, science, etc.	230
D. Estimate/find measurements	
1. Appropriate measurement tools	232
2. Compare equivalent measures	234
3. Perimeter of polygons	236
4. Circumference of circles using string	238
E. Collect & display data	
1. Graphs of data	239
2. Frequency tables from tallied data	240
3. Organize data w/ graphs, models, pic., & lists	242
F. Use statistical methods to interpret data	
1. Materials for the concept of average	245
2. Find the range & the mean of data	246

6. Uncertainty

A. Estimates to compare to measurements	
1. Rounding numbers on number lines & measurements	249
2. Estimate measurements before measuring	250
B. Estimates to compare to computations	
1. Estimate the outcomes of problems/experiments	251
C. Find situations that only need an estimate	
1. Meaning of large numbers through activities	252
D. Develop a wide variety of estimation skills	
1. Round numbers	253
2. Estimating add., sub., mult., div.	254
3. Strategies for estimating quantities	256
4. Develop strategies for estimating measurements	257
E. Determine the reasonableness of results	
1. The number of possible combinations	258
F. Predict experimental probabilities	
1. Conduct/predict outcomes of various experiments	259
2. Likelihood of events	260
G. Make predictions using unbiased random samples	
1. Use spinners, drawing objects from a bag, etc.	262
H. Determine probabilities of simple events	
1. The number of ways an event can occur	265
2. Probability with fractions	267
3. Identification of ordered arrangement	270

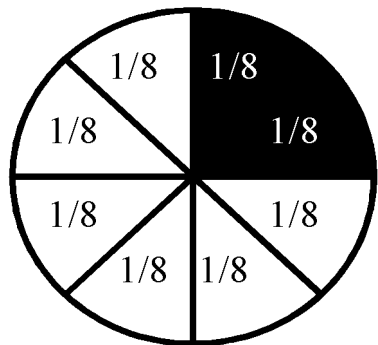
7. Patterns/Functions

A. Recognize, describe, extend, & create patterns	
1. Number patterns & sequences	273
2. Repeated patterns (abab, etc.)	277
3. Design patterns	279
B. Represent & describe mathematical relationships	
1. Use symbols $<$, $>$	283
2. Terms at most & at least	284
3. Present division facts	285
4. Describe number sequences	286
5. Relationships of add., sub., mult., div.	287
6. Relate fraction notation to decimal notation	288
7. Sum, difference & product is odd or even	288
C. Variables, open sentences to show relationships	
1. Solve open sentences with missing information	289
2. Use mult. & div. in equalities & inequalities	290
3. Formulas: perimeter & area of geometric shapes	291
D. Explore patterns w/ technology	
1. Calculators to skip count & relate mult.	292
E. Interpret graphs	
1. Trends in bar graphs & line graphs	295
F. Relationships of 2D & 3D shapes	
1. The geometric shapes of the faces of solids	296
2. Identify different 3-D shapes	
a. Cones	297
b. Pyramids	297
c. Spheres	298
d. Cylinders	298
e. Prisms	299
G. Discover patterns in nature, art, music, & lit.	
1. 2D & 3D shapes in nature	300
2. Examples of tessellations in the real world	301
3. Symmetry in nature, art, & music	302
4. Relate fraction to beat value of notes in music	303
5. Relate children's literature to mathematics	303

2. Number and Numeration

B. Number relationships w/ concrete materials

48.





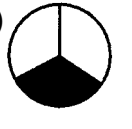

What is another way to express the portion of the circle that is shaded?

- (A) $\frac{2}{8}$ (C) $\frac{3}{4}$
 (B) $\frac{1}{4}$ (D) $\frac{7}{8}$

49. Gretchen ordered a large pizza for her slumber party. The pizza pie was cut into 10 equal slices. Each girl ate 2 slices of pizza. What fraction of the pie did each girl eat?

- (A) $\frac{1}{10}$ (C) $\frac{2}{5}$
 (B) $\frac{1}{5}$ (D) $\frac{2}{8}$

405. Which circle is $\frac{3}{4}$ shaded?

- (A)  (C) 
 (B)  (D) 

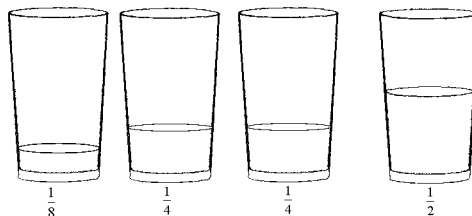
406. In which picture are $\frac{2}{3}$ of the dots small?

- (A) $\cdot \cdot \cdot \cdot$ (C) $\cdot \cdot \cdot$
 $\cdot \cdot \cdot \cdot$ $\cdot \cdot \cdot$
 $\bullet \bullet \bullet \bullet$
 $\bullet \bullet \bullet \bullet$
 (B) $\cdot \cdot \cdot \cdot$ (D) $\cdot \cdot \cdot \cdot$
 $\cdot \cdot \cdot \cdot$ $\bullet \bullet \bullet \bullet$
 $\bullet \bullet \bullet \bullet$ $\bullet \bullet \bullet \bullet$

6. Find equivalent fractions

a. Equivalent fractions

762. All the water in these four glasses was poured into one glass. What will happen?

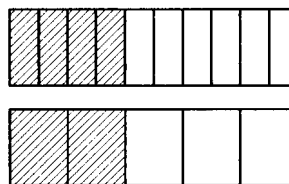


- (A) The water would fill to the top of the glass.
 (B) The water would overflow the glass.
 (C) The water would not fill to the top of the glass.

935. Kevin ate 2 slices of a pizza pie that had 8 slices. What fraction of the pizza was **not** eaten?

- (A) $\frac{1}{2}$ (C) $\frac{1}{4}$
 (B) $\frac{3}{4}$ (D) $\frac{2}{3}$

1140.



- $\frac{4}{10} =$
 (A) $\frac{1}{5}$ (C) $\frac{3}{5}$
 (B) $\frac{2}{5}$ (D) $\frac{4}{5}$

1303.



- How much of the bar is shaded?
 (A) $\frac{3}{4}$ (C) $\frac{1}{4}$
 (B) $\frac{1}{2}$ (D) $\frac{2}{4}$

There is a bag of 20 marbles. 10 are blue, 5 are purple, 3 are orange, and 2 are green. What fraction of the marbles are **not** purple?

- (A) $\frac{5}{20}$ (C) $\frac{1}{4}$
 (B) $\frac{15}{20}$ (D) $\frac{16}{20}$

3. Operations

A. Add, subtract, multiply, & divide whole numbers

1. Add. and sub. of integers

a. Add. & sub. of integers

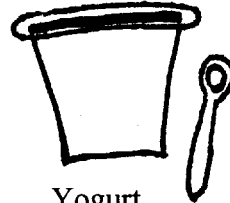
265.



Cheeseburger
393 Calories



Hot Dog
298 Calories



Yogurt
214 Calories



Cookie
119 Calories

Which two of the items above would provide a total of about 600 calories?

1127. Base your answer to the following question on the chart below that shows the number of lunches ordered on each day for one week at Wilson Elementary school.

SCHOOL LUNCHES OFFERED AT WILSON ELEMENTARY SCHOOL

Day of the Week	Number of Lunches Ordered
Monday	75
Tuesday	25
Wednesday	50
Thursday	100
Friday	150

How many more students ordered school lunches on Friday than on Monday?

- (A) 55 (B) 65 (C) 75 (D) 85

68. Solve:

$1756 + 293 =$

- (A) 1,463 (C) 2,049
 (B) 1,049 (D) 2,059

70. Subtract:

$879 - 413 =$

- (A) 456 (C) 566
 (B) 466 (D) 1,292

69. Add:

659
 $+ 274$

- (A) 385 (C) 933
 (B) 833 (D) 943

71. Subtract:

$92,158$
 $- 63,731$

- (A) 28,427 (C) 30,027
 (B) 29,427 (D) 155,889

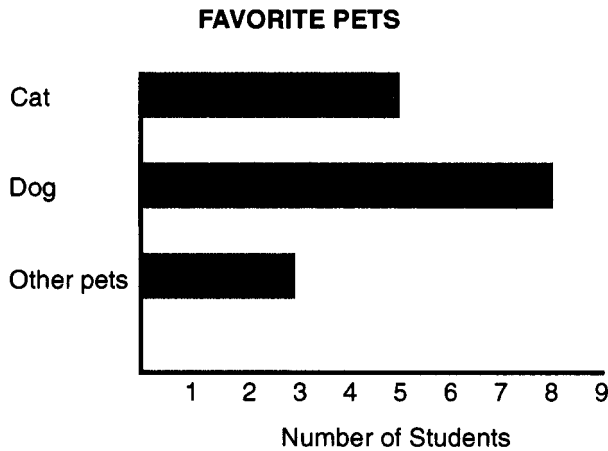
4. Modeling/Multiple Representation

B. Tables, charts, & graphs

2. Graphs & charts of real-world data

a. Graphs & charts of real-world data

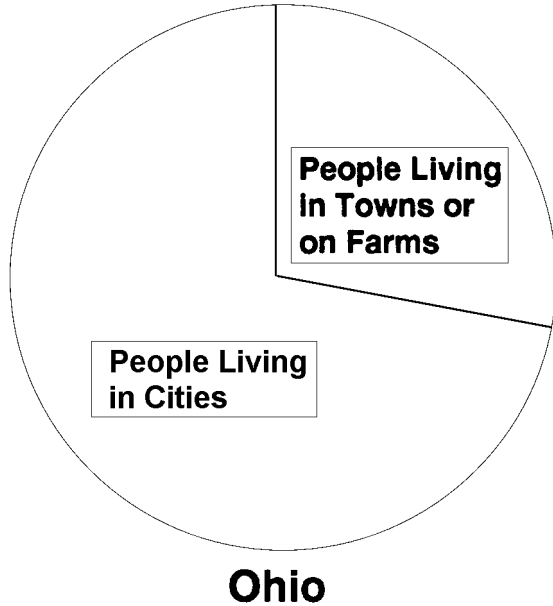
733. This graph shows the results of a classroom vote on favorite pets.



How many more students voted for dogs than for cats?

- (A) 5 (C) 3
(B) 6 (D) 4

754. Use the graph to answer the question below.



About 11 million people live in Ohio. About how many of them live in cities?

- (A) 11 million (C) 3 million
(B) 8 million (D) 1 million

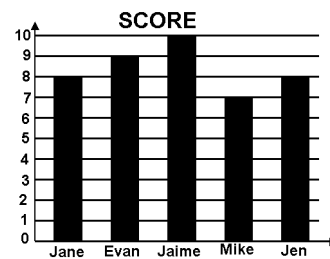
909. Students recorded the average daily temperatures over a 10 day period.

Day	Temperature (°C)
1	68
2	69
3	71
4	70
5	72
6	75
7	73
8	74
9	72
10	72

On what day did the maximum temperature occur?

- (A) 10 (C) 6
(B) 3 (D) 8

Base your answers to questions 1041 and 1042 on the graph of the scores of five friends playing a game.



Who got the highest score?

1041. (A) Jen (C) Jane
(B) Evan (D) Jaime

By how much did Jaime beat Mike?

1042. (A) 1 (C) 3
(B) 2 (D) 4