

# MATH Mind Builders

1 Write four different number sentences that each have a sum of 16.

$$\underline{\quad} + \underline{\quad} = 16$$

$$\underline{\quad} + \underline{\quad} = 16$$

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4 Use the data in the tally chart to make a picture graph. Draw a ☺ to show each student vote.

Students' Favorite Lunches	
Pizza	HTT
Chicken Strips	II
Cheeseburger	III

2 Describe two different ways to solve each problem.

A.  $9 + 7 =$

B.  $13 - 5 =$

3 Make each equation true.

A.  $120 = \underline{\quad}$  ones

B.  $60 + 100 + 7 = \underline{\quad}$

C.  $2 \text{ hundreds} = \underline{\quad}$

D.  $\underline{\quad} = 5 \text{ ones} + 2 \text{ hundreds}$

E.  $15 \text{ tens} = \underline{\quad} \text{ hundred} + \underline{\quad} \text{ tens}$

5 There are 30 students in Ms. Apple's class. There are 6 more boys than girls. How many boys and girls are in Ms. Apple's class?

6 Students at Walker School have a 6-hour school day. If school ends at 2:30 PM, what time does school start? Draw an analog clock to show the start time.

7 Ryder uses 5 sheets of notebook paper on Monday. If he uses the same amount each day for the rest of the school week, how many sheets of paper will he have used in all? Explain how you found the answer.

8 Mr. Wise bought a 10-liter fish tank for his classroom. He poured 1,000 milliliters of water into the empty tank. Can he pour more water into the tank? Explain how you know.

### How to Use

Give each student a copy of this page to work on during free time. Or, to use it as morning work or a math warm-up activity, project a copy of the page and color the number of each task you want students to complete.

# Answer Key

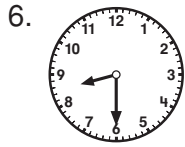
- Answers will vary but should include four of the following:  
 $0 + 16$ ,  $1 + 15$ ,  $2 + 12$ ,  $3 + 13$ ,  $4 + 12$ ,  $5 + 11$ ,  $6 + 10$ ,  $7 + 9$ ,  $8 + 8$ ,  
 $9 + 7$ ,  $10 + 6$ ,  $11 + 5$ ,  $12 + 4$ ,  $13 + 3$ ,  $14 + 2$ ,  $15 + 1$ ,  $16 + 0$ .
- Answers will vary but may include the following:  
A. making a ten and adding 6, using doubles fact  $7 + 7$  and adding 2, using doubles fact  $9 + 9$  and subtracting 2, counting on from 9;  
B. using the related addition fact  $5 + 8$ , counting back from 13.
- A. 120    B. 167    C. 200    D. 205    E. 1, 5

4.

Students' Favorite Lunches	
Pizza	☺ ☺ ☺ ☺ ☺
Chicken Strips	☺ ☺
Cheeseburger	☺ ☺ ☺

☺ = 1 student

- 18 boys, 12 girls



- 25; Explanations will vary.
- yes; There are 1,000 milliliters in one liter. Since the tank holds 10 liters, he can pour more water into it.