

Mathematics Assessment Collaborative

Grade Three Performance Assessment Spring 2014

District MAC # _____
Districts Student Id # _____

(Option: District May Use a Label Here)

To be completed by official Scorer

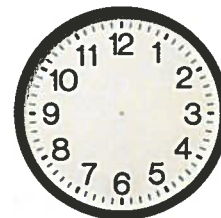
	Score	Score Chk
Task 1 Dinosaur Museum (8)		
Task 2 Favorite Planets (8)		
Task 3 Mowing for Money (8)		
Task 4 That's Entertainment (8)		
Task 5 Tamiko's Puzzles (8)		
Total (40)		

Dinosaur Museum

MAC Assessment Task

Ms. Nguyen's class went to the Dinosaur Museum in February.

Here is the time schedule for their trip to the museum:

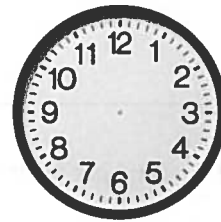
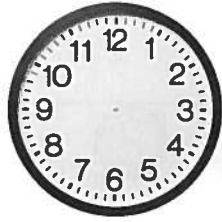


Activity	Time
School Starts	8:30 a.m.
Leave School for the Museum	9:00 a.m.
Dinosaur Exhibits Open	10:00 a.m.
Tyrannosaurus Video	10:20 a.m. 11:30 a.m.
Arrive back at School	2:20 p.m.

1. How long did it take for the class to leave for the museum?

_____ minutes

2. It took 45 minutes for the bus ride from school to the museum. At what time did they arrive?



3. The class went to the 10:20 a.m. showing of the Tyrannosaurus Video. It finished at 11:10. How long was the video?

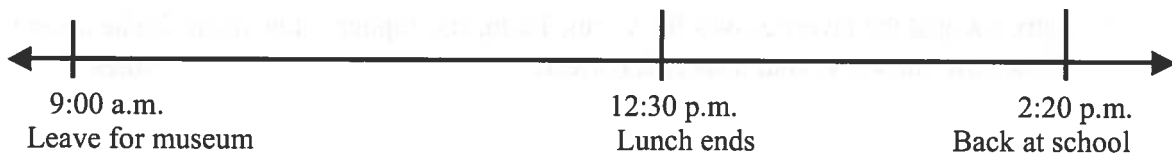
_____ minutes

Show how you know your answer is correct.

4. The class finished eating lunch at 12:30. It took 45 minutes to eat their lunch. At what time did they start to eat lunch?

Show how you know your answer is correct.

5. Use the number line below to figure out how many hours and minutes the class was gone from school. **Show your work on the number line below.**

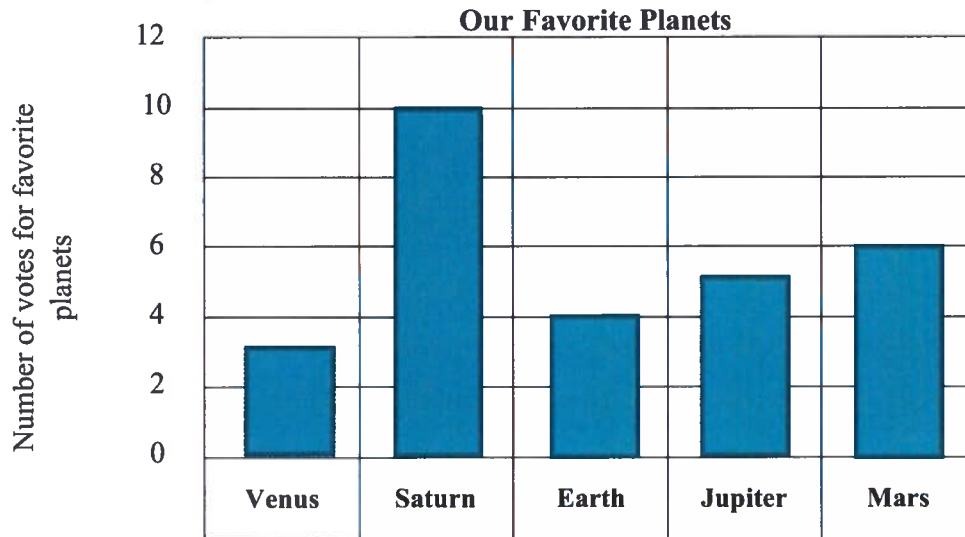


Favorite Planets

MAC Assessment Task



Felix asked his friends to vote for their favorite planet.



1. How many students voted for Mars as their favorite planet? _____
2. How many more students voted for Saturn than Venus? _____
Show how you know your answer is correct.
3. On Tuesday, 3 more students voted for Mars as their favorite planet. Add this data to the graph.
4. Felix counted the favorite votes for Venus, Earth, and Jupiter. How many did he count? _____ votes
Show how you know your answer is correct.

5. How many students voted for their favorite planets in all? _____

Show how you know your answer is correct.

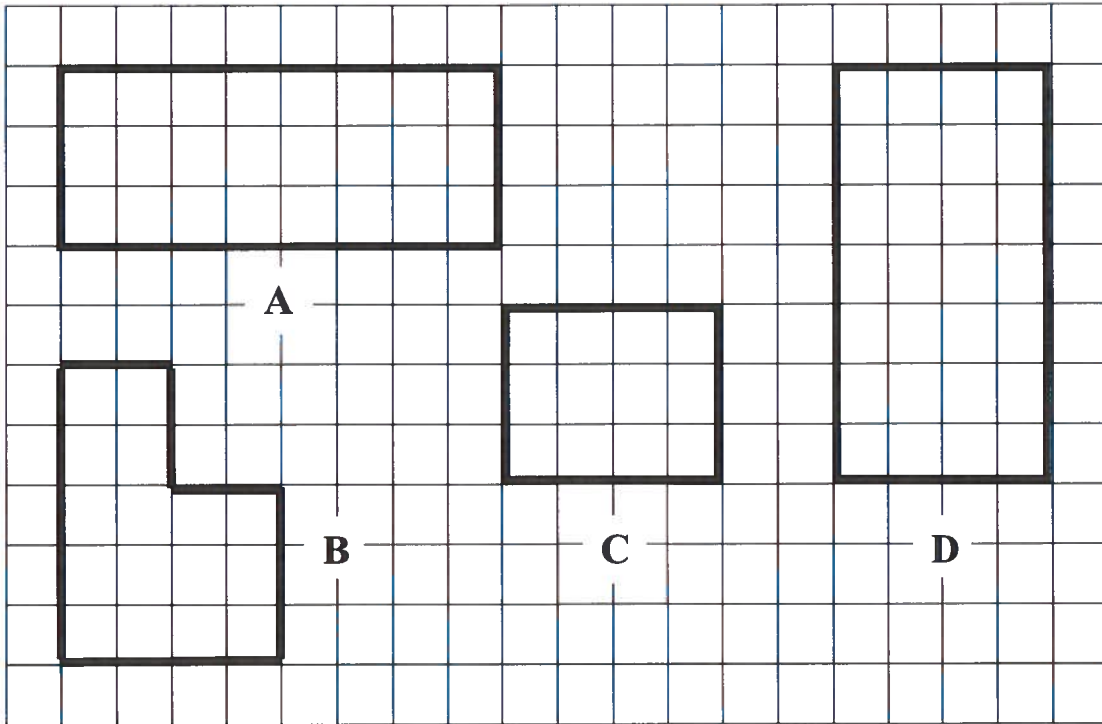


Mowing For Money

MAC Assessment Task

Mikael mows lawns to earn money.

He charges \$1.00 per square foot of lawn.



1. How much will Mikael earn mowing lawn C? \$ _____
2. From which lawn will Mikael earn the most money? Lawn _____
Explain, or show, how you figured it out.
3. Mikael thinks he will earn \$14.00 mowing lawn B.
Explain why this is not the correct amount he will earn.

That's Entertainment

MAC Assessment Task



Chad and Latonia are saving money to buy some new entertainment.

They made a list of what they want to buy:

- 2 video games costing \$30 each
- 3 movies costing \$15 each
- 6 packs of trading cards costing \$7 each

1. How much money will they need to buy all this entertainment?

Show how you figured it out.

\$ _____

2. Chad and Latonia have \$245 saved. How much money will they have after buying all the entertainment?

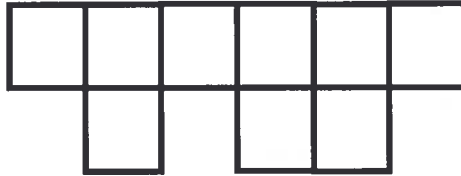
\$ _____

Explain, or show, how you figured this out.

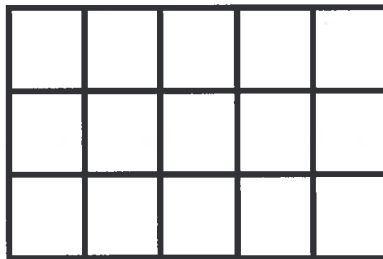
Tamiko's Puzzles

MAC Assessment Task

Tamiko is making puzzles.
She is trying to make a 12 piece puzzle. Some of the pieces are missing.



1. How many pieces are missing? _____ pieces
2. What fraction of the puzzle is missing? _____
3. Shade in the correct number of squares below to show the fraction $\frac{1}{3}$.



Explain how you know your answer is correct.

4. Arrange these fractions in order: $\frac{1}{6}$, $\frac{1}{3}$, $\frac{1}{10}$

Place them in order with one fraction in each box. Begin with the smallest.

--	--	--

Explain how you know your answer is correct.

5. Draw more counters so that the black are $\frac{1}{4}$ of all of the counters.

