GRADE 6 MATHEMATICS



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SA

4×4×4=

PERIOD

B

5A 4 x 6 sides = 2 4 yn 2 16 × 6 = 96 yn

240 22 240

1 +)×8 32 T in one pint

NAME

second. Skateboarder B travels at a steady rate of 22 feet per second. After 4 minutes, how much farther will Skateboarder B have traveled? Explain your reasoning.

Monday

DATE

(from Unit 2, Lesson 16)

88-60=28 ft fartuer 5280-3600= 5. There are 4 tablespoons in $\frac{1}{4}$ cup. There are 2 cups in 1 pint. How many tablespoons are there in 1 pint? If you get stuck, consider drawing a double number line or making a table.

cup

(from Unit 3, Lesson 4)

6. Two larger cubes are made out of unit cubes. Cube A is 2 by 2 by 2. Cube B is 4 by 4 by 4. The side length of Cube B is twice that of Cube A.

SA

2x2x2 = 841 $23 = 84n^3$

a. Is the surface area of Cube B also twice that of Cube A? Explain or show your reasoning.

No, 96un² is 4 x bigger man 24 an²

b. Is the volume of Cube B also twice that of Cube A? Explain or show your reasoning.

(from Unit 1, Lesson 12)

No 64 un 3 is

8 times bigger than 8 un

Init 3: Unit Rates and Percentages Lesson 8: More about Constant Speed