Name	Date	Period
Math 7 – Cumulative Revi	ew 1	
1) Craig went bowling	with \$25 to spend. He rented	d shoes for \$5.25 and paid \$4.00
for each game. What	it was the greatest number c	of games Craig could have

played? Show work. A) 4

C) 6 D) 7

2) The label on a 1¹/₂ pound bag of wild flower seeds states that it will cover an area of 375 square feet. Based on this information, what is the number of square feet that 1 pound of wildflower seeds will cover? Show work.
A) ¹/₂₅₀
B) 250
C) 562¹/₂
D) 750

3) Which expression is equivalent to (7x - 5) - (3x - 2)? Show work.

B) 5

4) The Lions won 16 games last year. This year The Lions won 20 games. What is the percent increase in the number of games the Lions won from last year to this year? Show work.

A) 20%	B) 25%	C) 80%	D) 125%
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- 5) The population of a city is expected to increase by 7.5% next year. If *p* represents the current population, which expression represents the expected population next year?
 - A) 1.75*p* B) 1.075*p* C) *p* + 0.075 D) 1+ 0.075

- 6) Laticia randomly selected 25% of the seventh-grade students in her school and asked them their favorite season. Of the students surveyed, 51 chose summer as their favorite season. Based on the data, what is the most reasonable prediction of the number of seventh-grade students in her school who would choose summer as their favorite season? Show work.
 - A) 15 B) 75 C) 150 D) 200
- 7) Ms. Batista gave her class 12 minutes to read. Carrie read $5\frac{1}{2}$ pages in that time. At what rate, in pages per hour, did Carrie read? Show work.
 - A) $1\frac{1}{10}$ B) 22 C) $27\frac{1}{2}$ D) 66
- 8) An owner of a small store knows that in the last week 54 customers paid with cash, 42 paid with a debit card, and 153 paid with a credit card. Based on the number of customers from last week, which fraction is closest to the probability that the next customer will pay with cash? Show work.
 - A) $\frac{1}{5}$ B) $\frac{1}{4}$ C) $\frac{1}{3}$ D) $\frac{1}{2}$

- 9) Scientists determined that Antarctica's average winter temperature was -34.44°C. The difference between this temperature and Antarctica's highest recorded temperature was 49.44 degrees. What was Antarctica's highest recorded temperature?
 - A) -83.88°C B) -15°C C) 15°C D) 83.88°C