

Name: Key Class: _____ Date: _____

SHOW YOUR WORK! Course 2 - Unit 1 EXAM REVIEW

Short Answer

Solve.

1. $9 - 24 + 6 + 5 \times (-3) = \boxed{-10}$

2. $5^2 \cdot (2 + 5^2) = \boxed{675}$

3. $4^2 \cdot (5 - 6^2) = \boxed{-496}$

4. $11 + -8 = \boxed{3}$

5. $-5 + -13 = \boxed{-18}$

6. $-8 + |-9| = \boxed{1}$

7. Frank has a batting average of .280. Write this decimal as a fraction in simplest form.

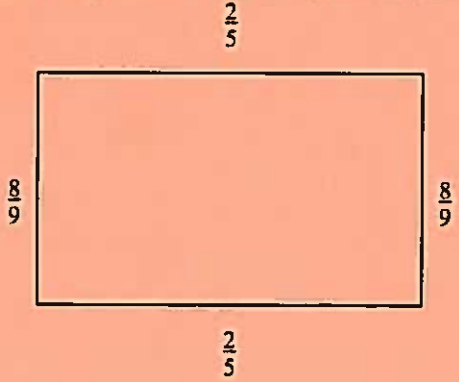
$$\frac{280}{1000} = \frac{7}{25} \text{ (fully reduced)}$$

Find the sum.

8. $10\frac{2}{4} + 5\frac{1}{2} = \boxed{16}$

9. $\frac{2}{3} + \frac{1}{12} = \boxed{\frac{9}{12}} = \boxed{\frac{3}{4}}$

10. Find the perimeter of the figure. Objects not necessarily drawn to scale.



$$= \boxed{2\frac{26}{45}}$$

Key!

Show Your Work!

Find the difference.

11. $6\frac{4}{5} - 4\frac{1}{4} = \boxed{2\frac{11}{20}}$

12. $\frac{10}{11} - \frac{1}{3} = \boxed{\frac{19}{33}}$

13. A bread recipe calls for $1\frac{1}{2}$ cups of white flour and you only have $\frac{1}{3}$ cups of flour. How much more flour do you need?
 $= \boxed{1\frac{1}{6}}$

Find the product.

14. Find the area of a rectangle with length $4\frac{2}{7}$ and width $2\frac{1}{5}$. (Multiply)

15. $15 \cdot \frac{2}{3} = \boxed{10}$
 $\frac{330}{35} = 9\frac{15}{35} = \boxed{9\frac{3}{7}}$

Find the quotient.

16. $6 \div \frac{1}{2} = \boxed{12}$

17. $4\frac{1}{5} \div 2\frac{4}{5} = \boxed{1\frac{1}{2}}$

18. Melanie has a piece of cloth $5\frac{1}{3}$ yd long. How many $\frac{1}{3}$ -yd pieces can be cut from the cloth? $= \boxed{16}$

Compare. Use $<$, $>$, or $=$.

19. $\frac{1}{3} \lt \frac{4}{10}$

Write the fraction as a decimal.

20. $\frac{3}{8} = \boxed{0.375}$

21. $\frac{1}{7} = \boxed{0.143}$

If you don't show your work, how will I know you didn't just copy?