

*Instruction: attempt all questions*

### A. Multiply the following numbers correctly

1) 
$$\begin{array}{r} 27 \\ \times 16 \\ \hline \end{array}$$

2) 
$$\begin{array}{r} 45 \\ \times 12 \\ \hline \end{array}$$

3) 
$$\begin{array}{r} 35 \\ \times 18 \\ \hline \end{array}$$

### B. Solve the following word problems

1) A car travels for 3 hours at 56 miles per hour. How far has it travelled?



2) A packet of M&Ms holds 48 candy sweets. How many sweets in 5 packets?



3) A digital camera is able to take photos at 64 frames per second. How many frames could the camera take in 4 seconds?



4) A school orders pencils in packs of 24. How many pencils in 6 packs?



### C. Solve

Type the correct option (a, b, c or d) in the box.

1.  $40 \div 10 = \dots$

- a. 4
- b. 10
- c. 5
- d. 2

2.  $32 \div 8 = \dots$

- a. 3
- b. 4
- c. 5
- d. 6

3. Divide 21 by 3.

- a. 5
- b. 6
- c. 7
- d. 8

4. There are 63 pencils in a box. They are divided equally among 9 students. How many pencils does each student get?

**D. Change the following improper numbers to mixed fractions**

1)  $\frac{29}{4} = \underline{\hspace{2cm}}$       2)  $\frac{13}{6} = \underline{\hspace{2cm}}$       3)  $\frac{73}{9} = \underline{\hspace{2cm}}$

4)  $\frac{65}{8} = \underline{\hspace{2cm}}$       5)  $\frac{17}{2} = \underline{\hspace{2cm}}$       6)  $\frac{5}{2} = \underline{\hspace{2cm}}$

**E. Change the following mixed numbers to improper fractions**

1)  $7\frac{1}{3} = \underline{\hspace{2cm}}$       2)  $7\frac{9}{10} = \underline{\hspace{2cm}}$       3)  $7\frac{3}{4} = \underline{\hspace{2cm}}$

4)  $2\frac{1}{2} = \underline{\hspace{2cm}}$       5)  $8\frac{4}{7} = \underline{\hspace{2cm}}$       6)  $2\frac{3}{5} = \underline{\hspace{2cm}}$