1. Which expression below determines the **total** number of calls logged by the three AT & T operators?

WEEK	OPERATOR	PHONE CALLS
1	A	571
2	B	129
3	C	357

① ② ③ ④ ⑤

(1) (571 + 129 + 357)

(2) (571 + 129 + 357) 3

(3) $\frac{(571 + 129) + 357)}{3}$

(4) $\frac{571 + (129 + 357)}{3}$

(5) Not enough information is given.

2. Al, a mail carrier has three packages. Which of the following expressions determines the **average** weight of the packages?

PACKAGE	WEIGHT IN POUNDS
1	4
2	31
3	51

① ② ③ ④ ⑤

(1) (4 + 31 + 51) ÷ 3

(2) (4 + 31) + 5 ÷ 3

(3) 4 + 31 ÷ 5 + 3

(4) 3 (4 + 31) + 51

(5) 4 ÷ (31 + 5 +3)

3. Francisco drove to Cheyenne, Wyoming. He drove for two hours at 70 mph and for three hours at 60 mph. Which expression tells the **total** distance he drove?

① ② ③ ④ ⑤

(1) 2 (70 + 60)

(2) 3 (70 + 60)

(3) 5 (70 + 60)

(4) (2 x 70) + (3 x 60)

(5) $\frac{(70 + 60)}{5}$

4. The ticket fare to get into the Colorado State Fair is $5.00. The attendance numbers are listed below.

DAY	ATTENDANCE
Friday	650 people
Saturday	825 people
Sunday	940 people

Which expression tells the **total** receipts for those three days?

① ② ③ ④ ⑤

(1) (5 x 650) + 825 + 940

(2) $\frac{(650 + 825 + 940)}{5}$

(3) 5 (650 + 825 + 940)

(4) 650 + 825 + (940 x 5)

(5) 650 + 825 + $\frac{940}{5}$

5. Alvaro bought four quarts of oil for $7.99 each, and he paid $1.92 in tax. Which expression tells the amount he paid **all together**?

① ② ③ ④ ⑤

(1) (4 x 7.99) + 1.92

(2) 4 x 7.99 x 1.92

(3) 4 (7.99 + 1.92)

(4) 4 (7.99 – 1.92)

(5) $\frac{(7.99 + 1.92)}{4}$

6. Evelyn had math scores of 80, 95, and 74 on her exams. Which of the following expressions shows her **mean** score?

① ② ③ ④ ⑤

(1) $\frac{80 + 95 + 74}{3}$

(2) $\frac{(80 + 95 + 74)}{3}$

(3) $\frac{80}{3 + 95 + 74}$

(4) $3\ (80 + 95 + 74)$

(5) $\frac{3}{(80 + 95 + 74)}$

7. The Fort Garland Community Center sold tickets for a play. They sold 350 tickets at $8 each and 425 tickets at $6 each. Which expression shows the **total** receipts for the tickets?

① ② ③ ④ ⑤

(1) (8 x 6) + (350 + 425)

(2) 8 x 6 x 350 x 425

(3) (8 x 350) + (6 x 425)

(4) (8 + 350) x (6 + 425)

(5) (8 + 6) (350 + 425)

8. Which expression below determines the amount of money to be shared equally by 34 students if the total amount to be **shared** is $31,280?

① ② ③ ④ ⑤

(1) 34 + $31,280

(2) $31,280 – 34

(3) 34 ($31,280)

(4) $31,280 ÷ 34

(5) ($31,280) (34)

9. Denise's gross monthly income is $2000. Her monthly deductions are $300. Which expression shows her **net** income for the whole year?

① ② ③ ④ ⑤

(1) 12 (2000 + 300)

(2) (12 x 2000) + 300

(3) 12 (2000 – 300)

(4) 12 x 2000 x 300

(5) $\frac{(2000 - 300)}{12}$

10. The following receipts were for the Fall Fiesta at San Luis Elementary School for three nights.

DAY	AMOUNT RECEIVED
Monday	$2500
Tuesday	$4850
Wednesday	$4200

The amount received was shared equally by five schools. Which expression shows the amount **each** school received?

① ② ③ ④ ⑤

(1) $\frac{(2500 + 4850 + 4200)}{5}$

(2) $5\ (2500 + 4850 + 4200)$

(3) $\frac{3}{(2500 + 4850 + 4200)}$

(4) $\frac{(2500 + 4850 + 4200)}{3}$

(5) $\frac{5}{(2500 + 4850 + 4200)}$