

เฉลยแบบฝึกหัด 1.6

1. เติมตัวเลขในช่องว่าง เพื่อให้ประโยคต่อไปนี้เป็นจริง

- 1) $7 \times (20 + \underline{8}) = (7 \times 20) + (7 \times 8)$
- 2) $8 \times (70 + 37) = (\underline{8} \times 70) + (\underline{8} \times 37)$
- 3) $(142 + 98) \times \underline{25} = (142 \times 25) + (98 \times \underline{25})$
- 4) $(524 + \underline{476}) \times 11 = (\underline{524} \times 11) + (476 \times \underline{11})$
- 5) $(439 \times 690) + (439 + 782) = \underline{439} \times (690 + 782)$
- 6) $(21 + \underline{59}) + (79 \times 59) = (\underline{21} + \underline{79}) \times 59$
- 7) $250 \times (\underline{66} + 14) = (250 \times 66) + (250 \times 14)$
- 8) $(999 + 111) \times \underline{2,121} = (999 \times 2,121) + (111 \times 2,121)$
- 9) $(125 + 80) \times 555 = (125 \times \underline{555}) + (\underline{80} \times 555)$
- 10) $16 \times (75 + 18) = (16 \times \underline{75}) + (\underline{16} \times 18)$
- 11) $(24 + 42) \times 15 = (\underline{24} \times 15) + (\underline{42} \times 15)$
- 12) $(18 \times \underline{24}) + (\underline{18} \times 32) = \underline{18} \times (24 + \underline{32})$

2. แสดงวิธีหาคำตอบโดยใช้สมบัติการแจกแจง

$$\begin{aligned}
 1) \quad 96 \times 28 &= 96 \times (20 + 8) \\
 &= (96 \times 20) + (96 \times 8) \\
 &= 1,920 + 768 \\
 &= 2,688 \\
 2) \quad 52 \times 76 &= 52 \times (70 + 6) \\
 &= (52 \times 70) + (52 \times 6) \\
 &= 3,640 + 312 \\
 &= 3,952 \\
 3) \quad 36 \times 12 &= (30 + 6) \times 12 \\
 &= (30 \times 12) + (6 \times 12) \\
 &= 360 + 72 \\
 &= 432 \\
 4) \quad 44 \times 113 &= (40 + 4) \times 113 \\
 &= (40 \times 113) + (4 \times 113) \\
 &= 4,520 + 452 \\
 &= 4,972
 \end{aligned}$$