

DOUBLE AND HALF METHOD OF MULTIPLICATION

(1) $15 \times 12 =$ _____

(2) $25 \times 14 =$ _____

(3) $35 \times 16 =$ _____

(4) $45 \times 14 =$ _____

(5) $55 \times 18 =$ _____

(6) $15 \times 14 =$ _____

(7) $25 \times 18 =$ _____

(8) $35 \times 12 =$ _____

(9) $45 \times 16 =$ _____

(10) $55 \times 14 =$ _____

(11) $15 \times 16 =$ _____

(12) $25 \times 12 =$ _____

(13) $35 \times 14 =$ _____

(14) $45 \times 12 =$ _____

(15) $55 \times 16 =$ _____

(16) $15 \times 22 =$ _____

(17) $35 \times 18 =$ _____

(18) $45 \times 18 =$ _____

(1) 180

(2) 350

(3) 560

(4) 630

(5) 990

(6) 210

(7) 450

(8) 420

(9) 720

(10) 770

(11) 240

(12) 300

(13) 490

(14) 540

(15) 880

(16) 330

(17) 630

(18) 810

ORDER OF OPERATIONS

- | | | | |
|------|--|------|-----|
| (1) | $18 - 12 \div 3 = \underline{\hspace{2cm}}$. | (1) | 14 |
| (2) | $35 + 15 \div 5 = \underline{\hspace{2cm}}$. | (2) | 38 |
| (3) | $3(19 - 12) = \underline{\hspace{2cm}}$. | (3) | 21 |
| (4) | $(7 + 4)(13 + 8) = \underline{\hspace{2cm}}$. | (4) | 231 |
| (5) | $90 - (5 + 4)^2 = \underline{\hspace{2cm}}$. | (5) | 81 |
| (6) | $9 \times 5 + 3 \times 5 = \underline{\hspace{2cm}}$. | (6) | 60 |
| (7) | $10 \times 4 - 8 = \underline{\hspace{2cm}}$. | (7) | 32 |
| (8) | $4(12 + 8) = \underline{\hspace{2cm}}$. | (8) | 80 |
| (9) | $42 + 18 \div 6 = \underline{\hspace{2cm}}$. | (9) | 45 |
| (10) | $28 - 21 \div 7 = \underline{\hspace{2cm}}$. | (10) | 25 |
| (11) | $(14 + 17)(19 - 9) = \underline{\hspace{2cm}}$. | (11) | 310 |
| (12) | $45 \div 3^2 = \underline{\hspace{2cm}}$. | (12) | 5 |
| (13) | $24 \div 3 + 40 \div 5 = \underline{\hspace{2cm}}$. | (13) | 16 |
| (14) | $9 \times 3 + 7 \times 5 = \underline{\hspace{2cm}}$. | (14) | 62 |
| (15) | $9(27 - 15) = \underline{\hspace{2cm}}$. | (15) | 108 |
| (16) | $12^2 \div 6^2 = \underline{\hspace{2cm}}$. | (16) | 4 |
| (17) | $54 + 36 \div 9 = \underline{\hspace{2cm}}$. | (17) | 58 |
| (18) | $72 - 24 \div 8 = \underline{\hspace{2cm}}$. | (18) | 69 |
| (19) | $48 \div 4 - 2 \times 3 = \underline{\hspace{2cm}}$. | (19) | 6 |
| (20) | $(17 + 7)(14 - 9) = \underline{\hspace{2cm}}$. | (20) | 120 |

MIXED NUMBER MULTIPLICATION : PART B

(1) $5\frac{1}{3} \times 4\frac{1}{3} = \underline{\hspace{2cm}}$ (mixed number).

1. $23\frac{1}{9}$

(2) $10\frac{1}{4} \times 2\frac{1}{4} = \underline{\hspace{2cm}}$ (mixed number).

2. $23\frac{1}{16}$

(3) $4\frac{1}{2} \times 8\frac{1}{2} = \underline{\hspace{2cm}}$ (mixed number).

3. $38\frac{1}{4}$

(4) $4\frac{1}{3} \times 2\frac{1}{3} = \underline{\hspace{2cm}}$ (mixed number).

4. $10\frac{1}{9}$

(5) $2\frac{1}{4} \times 6\frac{1}{4} = \underline{\hspace{2cm}}$ (mixed number).

5. $14\frac{1}{16}$

(6) $10\frac{1}{2} \times 4\frac{1}{2} = \underline{\hspace{2cm}}$ (mixed number).

6. $47\frac{1}{4}$

(7) $10\frac{1}{3} \times 5\frac{1}{3} = \underline{\hspace{2cm}}$ (mixed number).

7. $55\frac{1}{9}$

(8) $6\frac{1}{3} \times 3\frac{1}{3} = \underline{\hspace{2cm}}$ (mixed number).

8. $21\frac{1}{9}$

(9) $4\frac{1}{4} \times 8\frac{1}{4} = \underline{\hspace{2cm}}$ (mixed number).

9. $34\frac{1}{16}$

(10) $3\frac{1}{6} \times 9\frac{1}{6} = 29\frac{1}{36} = \underline{\hspace{2cm}}$ (mixed number).

10. $29\frac{1}{36}$

MULTIPLICATION BY 11

(1) $43 \times 11 = \underline{\hspace{2cm}}$

(2) $52 \times 11 = \underline{\hspace{2cm}}$

(3) $27 \times 11 = \underline{\hspace{2cm}}$

(4) $51 \times 11 = \underline{\hspace{2cm}}$

(5) $23 \times 11 = \underline{\hspace{2cm}}$

(6) $26 \times 11 = \underline{\hspace{2cm}}$

(7) $85 \times 11 = \underline{\hspace{2cm}}$

(8) $74 \times 11 = \underline{\hspace{2cm}}$

(9) $69 \times 11 = \underline{\hspace{2cm}}$

(10) $55 \times 11 = \underline{\hspace{2cm}}$

(11) $38 \times 11 = \underline{\hspace{2cm}}$

(12) $134 \times 11 = \underline{\hspace{2cm}}$

(13) $215 \times 11 = \underline{\hspace{2cm}}$

(14) $418 \times 11 = \underline{\hspace{2cm}}$

(15) $526 \times 11 = \underline{\hspace{2cm}}$

(16) $257 \times 11 = \underline{\hspace{2cm}}$

(17) $358 \times 11 = \underline{\hspace{2cm}}$

(18) $579 \times 11 = \underline{\hspace{2cm}}$

(1) 473

(2) 572

(3) 297

(4) 561

(5) 253

(6) 286

(7) 935

(8) 814

(9) 759

(10) 605

(11) 418

(12) 1,474

(13) 2,365

(14) 4,598

(15) 5,786

(16) 2,827

(17) 3,938

(18) 6,369

FINDING REMAINDER WHEN DIVIDING BY 4

- | | | | |
|-------|---|-----|---|
| (1) | $513 \div 4$ has a remainder of _____. | 1. | 1 |
| (2) | $422 \div 4$ has a remainder of _____. | 2. | 2 |
| (3) | $521 \div 4$ has a remainder of _____. | 3. | 1 |
| (4) | $925 \div 4$ has a remainder of _____. | 4. | 1 |
| (5) | $607 \div 4$ has a remainder of _____. | 5. | 3 |
| (6) | $402 \div 4$ has a remainder of _____. | 6. | 2 |
| (7) | $243 \div 4$ has a remainder of _____. | 7. | 3 |
| (8) | $837 \div 4$ has a remainder of _____. | 8. | 1 |
| (9) | $642 \div 4$ has a remainder of _____. | 9. | 2 |
| (q10) | $233 \div 4$ has a remainder of _____. | 10. | 1 |
| (11) | $2721 \div 4$ has a remainder of _____. | 11. | 1 |
| (12) | $1827 \div 4$ has a remainder of _____. | 12. | 3 |
| (13) | $4032 \div 4$ has a remainder of _____. | 13. | 0 |
| (14) | $5127 \div 4$ has a remainder of _____. | 14. | 3 |

PROBABILITY INVOLVING CARDS

- | | | | |
|-----|---|-----|-----|
| (1) | A single card is selected from a standard 52-card deck.
Find the probability that it is a black card. _____. | (1) | 1/2 |
|-----|---|-----|-----|

- (2) A single card is selected from a standard 52-card deck. Find the probability that it is a diamonds. _____ (2) 1/4
- (3) A single card is selected from a standard 52-card deck. Find the probability that it is a King. _____ (3) 1/13
- (4) A single card is selected from a standard 52-card deck. Find the probability that it is a red Queen. _____ (4) 1/26
- (5) A single card is selected from a standard 52-card deck. Find the probability that it is not a Spades. _____ (5) 3/4
- (6) A single card is selected from a standard 52-card deck. Find the probability of getting an Ace? _____ (6) 1/13
- (7) A single card is selected from a standard 52-card deck. Find the probability of getting a 4 or a 10. _____ (7) 2/13
- (8) A single card is selected from a standard 52-card deck. Find the probability of getting a face card. _____ (8) 3/13
- (9) A single card is selected from a standard 52-card deck. Find the probability of getting a red face card. _____ (9) 3/26
- (10) A single card is selected from a standard 52-card deck. Find the probability of getting a 3, 6, or 9. _____ (10) 3/13
- (11) A single card is selected from a standard 52-card deck. Find the probability of getting a red card or a King. _____ (11) 7/13
- (12) A single card is selected from a standard 52-card deck. Find the probability of getting a red 5. _____ (12) 1/26
- (13) A single card is selected from a standard 52-card deck. Find the probability of getting a face card that is a Spades. _____ (13) 1/13
- (14) A single card is selected from a standard 52-card deck. Find the probability of getting a red face card. _____ (14) 3/26
- (15) A single card is selected from a standard 52-card deck. Find the probability that it is the King of Hearts. _____ (15) 1/52
- (16) A single card is selected from a standard 52-card deck. The card is a face card. Find the probability that it is a King. _____ (16) 1/3
- (17) A single card is selected from a standard 52-card deck. The card is a Hearts. Find the probability that it is a face card. _____ (17) 3/13

RANGE, MEDIAN, AND MODE

- (1) The range of 9, 5, 14, 3, 10, and 11 is _____. (1) 11

- (2) The mode of 3, 5, 2, 0, 3, 2, 4, 0, and 2 is _____. (2) 2
- (3) The median of 8, 10, 4, 19, and 2 is _____. (3) 17
- (4) The range of 14, 5, 9, 3, 11, and 2 is _____. (4) 12
- (5) The mode of 0, 3, 1, 1, 4, 3, 0, 3, 1, 5, 8, and 1 is _____. (5) 1
- (6) The median of 8, 11, 3, 19, and 10 is _____. (6) 10
- (7) The range of 21, 14, 19, 32, 16, and 23 is _____. (7) 18
- (8) The mode of 8, 2, 8, 10, 10, 5, 10, 8, 2, and 8 is _____. (8) 8
- (9) The median of 19, 23, 14, 21, 5, 10, and 11. _____. (9) 14
- (10) The range of 6, 9, 11, 2, 15, and 21 is _____. (10) 19
- (11) The mode of 14, 8, 17, 14, 21, 12, and 14 is _____. (11) 14
- (12) The median of 5, 9, 2, 14, 3, and 20 is _____. (12) 7
- (13) The range of 5, 9, 0, 17, 4, 21, and 15 is _____. (13) 21
- (14) The mode of 1, 8, 1, 7, 2, 9, 7, r, 2, 7, 9, and 3 is _____. (14) 7
- (15) The median of 4, 10, 14, 18, 20, and 6 is _____. (15) 12
- (16) The range of 19, 4, 23, 8, 10, and 2 is _____. (16) 17
- (17) The mode of 8, 2, 5, 6, 5, 2, 9, 2, 5, 3, 5, and 4 is _____. (17) 5
- (18) The median of 2, 9, 5, 10, 12, 6 and 7 is _____. (18) 7