**Part 1: Find the equivalent of the given ratio among the choices.**

1. 4:5 a. 10:8 b. 12:15 c. 15:12 d. 5:4
2. 14:16 a. 21:24 b. 7:4 c. 8:7 d. 2:8
3. 81:36 a. 8:18 b. 4:9 c. 9:4 d. 12:27
4. 5:15 a. 25:75 b. 3:1 c. 25:25 d.15:5

**Part 2: Find the unknown term in the given equivalent ratios.**

1. 6:7 and w:42
2. 28:16 and 35:x
3. 45:15 and y:45
4. 133:19 and 7:z

**Part 3: Find the missing terms in the ratio table.**

|  |  |
| --- | --- |
| 3 | 7 |
| 9 |  |
|  | 42 |
| 21 |  |
| 30 | 70 |

**Part 4: Read the problem carefully and give what is asked.**

Sam earns $25 dollars for every 2 hours that he works. Make a ratio table and answer the questions that follow.

|  |  |  |
| --- | --- | --- |
|  | Number of hours | Salary |
| 1. | 2 |  |
| 2. | 4 |  |
| 3. | 6 |  |
| 4. | 8 |  |
| 5. | 10 |  |
| 6. | 12 |  |
| 7. | 14 |  |
| 8. | 16 |  |

1. How much will Sam earn if he works 12 hours?
2. If he earned $200, how many hours did he work?

**Answers:**

**Part 1: Find the equivalent of the given ratio among the choices.**

1. 4:5 a. 10:8 b. 12:15 c. 15:12 d. 5:4
2. 14:16 a. 21:24 b. 7:4 c. 8:7 d. 2:8
3. 81:36 a. 8:18 b. 4:9 c. 9:4 d. 12:27
4. 5:15 a. 25:75 b. 3:1 c. 25:25 d.15:5

**Part 2: Find the unknown term in the given equivalent ratios.**

1. 6:7 and w:42 Solution: w = 36
2. 28:16 and 35:x Solution: x = 20
3. 45:15 and y:45 Solution: y = 135
4. 133:19 and 7:z Solution: z = 1

**Part 3: Find the missing terms in the ratio table.**

|  |  |
| --- | --- |
| 3 | 7 |
| 9 | 21 |
| 18 | 42 |
| 21 | 49 |
| 30 | 70 |

**Part 4: Read the problem carefully and give what is asked.**

Sam earns $25 dollars for every 2 hours that he works. Make a ratio table and answer the questions that follow.

|  |  |  |
| --- | --- | --- |
|  | Number of hours | Salary |
| 1. | 2 | $25 |
| 2. | 4 | $50 |
| 3. | 6 | $75 |
| 4. | 8 | $100 |
| 5. | 10 | $125 |
| 6. | 12 | $150 |
| 7. | 14 | $175 |
| 8. | 16 | $200 |

1. How much will Sam earn if he works 12 hours?

Solution: $150

1. If he earned $200, how many hours did he work?

Solution: 16 hours