**Part 1: Give the unit rate for each table given the data.**



|  |  |  |  |
| --- | --- | --- | --- |
| Words | 30 | 60 | 90 |
| Minute | 3 | 6 | 9 |

|  |  |  |  |
| --- | --- | --- | --- |
| Cupcakes | 40 | 80 | 90 |
| Hour | 4 | 8 | 9 |



|  |  |  |  |
| --- | --- | --- | --- |
| Dollars | 3 | 5 | 7 |
| Ounces | 36 | 60 | 84 |

|  |  |  |  |
| --- | --- | --- | --- |
| Hours | 8 | 12 | 24 |
| Dollars | 48 | 72 | 144 |

**Part 2: Complete the table and decide which among the following containers cost less.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Containers | Amount (oz) | Cost | Rate | Cost per ounce  (nearest hundreths) |
| A | 15 oz | $1.46 |  |  |
| B | 30 oz | $2.02 |  |  |
| C | 45 oz | $2.58 |  |  |
| D | 60 oz | $3.14 |  |  |
| E | 75 oz | $3.89 |  |  |

**Part C: Answer the problem below.**

1. If Sam can type 360 words in 5 minutes and Paul can type 420 words in 7 minutes.
2. How many words can Sam type in 1 minute?
3. How many words can Paul type in 1 minute?
4. Who types the fastest?

**Answers:**

**Part 1: Give the unit rate for each table given the data.**



|  |  |  |  |
| --- | --- | --- | --- |
| Words | 30 | 60 | 90 |
| Minute | 3 | 6 | 9 |

Unit rate: 10 words per minute

|  |  |  |  |
| --- | --- | --- | --- |
| Cupcakes | 40 | 80 | 90 |
| Hour | 4 | 8 | 9 |



Unit rate: 10 cupcakes per hour

|  |  |  |  |
| --- | --- | --- | --- |
| Dollars | 3 | 5 | 7 |
| Ounces | 36 | 60 | 84 |

Unit rate: 12 ounces per dollar

|  |  |  |  |
| --- | --- | --- | --- |
| Hours | 8 | 12 | 24 |
| Dollars | 48 | 72 | 144 |

Unit rate: 6 dollars per hour

**Part 2: Complete the table and decide which among the following containers cost less.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Containers | Amount (oz) | Cost | Rate | Cost per ounce  (nearest hundreths) |
| A | 15 oz | $1.46 | 1. $1.46 per 15 oz | 6. $0.10 per oz |
| B | 30 oz | $2.02 | 2. $2.02 per 30 oz | 7. $0.07 per oz |
| C | 45 oz | $2.58 | 3. $2.58 per 45 oz | 8. $0.06 per oz |
| D | 60 oz | $3.14 | 4. $3.14 per 60 oz | 9. $0.05 per oz |
| E | 75 oz | $3.89 | 5. $3.89 per 75 oz | 10. $0.05 per oz |

**Part C: Answer the problem below.**

1. If Sam can type 360 words in 5 minutes and Paul can type 420 words in 7 minutes.
2. How many words can Sam type in 1 minute?

Solution: 72 words per minute

1. How many words can Paul type in 1 minute?

Solution: 60 words per minute

1. Who types the fastest?

Solution: Sam