|  |
| --- |
| **Proportion and the Unitary Method** |
| **(a)** | **(b)** | **(c)** | **(d)** |
| Three oranges costs $72p$. How much does it cost for $5$ oranges?

|  |  |
| --- | --- |
| **Oranges** | **Cost** |
| $$3$$ | $$72p$$ |
| $$1$$ | $$24p$$ |
| $$5$$ |  |

 | Four notebooks have $132 $pages. How many pages do $9$ notebooks have?

|  |  |
| --- | --- |
| **Notebooks** | **Pages** |
| $$4$$ | $$132$$ |
| $$1$$ |  |
| $$9$$ |  |

 | Two dogs need $11$ kg of dog food per week. How much dog food do $7$ dogs need?

|  |  |
| --- | --- |
| **Dogs** | **Food** |
| $$2$$ | $$11 kg$$ |
| $$1$$ |  |
| $$7$$ |  |

 | Six pens costs $84p$. How much does it cost for $20$ pens?

|  |  |
| --- | --- |
| **Pens** | **Cost** |
| $$6$$ | $$84p$$ |
| $$1$$ |  |
| $$20$$ |  |

 |
| **(e)** | **(f)** | **(g)** | **(h)** |
| $10m$ of ribbon costs $£1.80$. How much does $17m$ of ribbon cost?

|  |  |
| --- | --- |
| **Metres** | **Cost** |
| $$10$$ | $$£1.80$$ |
|  |  |
|  |  |

 | Four cinema tickets costs $£23$. How much does it cost for three cinema tickets?

|  |  |
| --- | --- |
| **Tickets** | **Cost** |
| $$4$$ | $$£23$$ |
|  |  |
|  |  |

 | Seven glasses contain $1155ml$ of juice. How much juice does $16$ glasses contain?

|  |  |
| --- | --- |
| **Glasses** | **Juice** |
|  |  |
|  |  |
|  |  |

 | Eight pairs of socks costs $£18$. How much does $5$ pairs of socks cost?

|  |  |
| --- | --- |
| **Socks** | **Cost** |
|  |  |
|  |  |
|  |  |

 |
| **(i)** | **(j)** | **(k)** | **(l)** |
| Five cups of coffee costs $£14.25$. How much does $8$ cups of coffee cost? | Nine orangutans need feeding $108$ bananas per day. How many bananas do $7$ orangutans need per day?  | Celia cycles $10$ miles in $45$ minutes. How long does it take for Celia to cycle $23$ miles?  | $14$ litres of petrol costs $£18.48$. How many litres of petrol can be bought for $£33$? |