| | | | | | | | Grade 9 | | | | | | $ \land $ | | |
|--|---|--|--|--|---|---|--|--|---------------------|---|---|--|---|--|--|
| | NIC | | | | Tei | n | 13 Week 2 | | | | | | | | |
| Complete the flow diagram and table using the verbal | | | | | | 7 | Complete. | 8 Fine | d the I | LCM a | nd HO | CF. | | | |
| cription. | | | | | | 1 | 24 | 1 18 | 1 18 and 24 | | | | | | |
| The output value is 2,5 times the input value minus 3,2. | | | | | | | Product of prime factors = $2^3 \times 3^1$ | | P | rime | factor | isatio | n | | |
| he input value is an even number between 0 and 12. | | | | | | | Number of factors = $(3 + 1)(1 + 1) = 8$ | | 2 | 3 | 5 | 7 | 11 | | |
| | | | | | | | All factors = {1; 2; 3; 4; 6; 8; 12; 24} | 18 | 2 | 3 ² | | | | | |
| \setminus \land \land | | | | | | | Product of prime factors = $2^- \times 3^-$ | 24 | 2 ³ | 3 | | | | | |
| _ | \square | | | | | | Number of factors = $(_ + 1)(_ + 1) = _$ | LCM (p^{max}) | 2 ³ | 3 ² | | | | | |
| | \mathbf{k} | | ₹ | | | 3 | 30 Product of prime factors = | HCF (p ^{min}) | 2 | 3 | | | | | |
| | | | | \checkmark | | | Number of factors = | 2 8 <i>x</i> | v² and | $112x^{2}$ | v | | | | |
| | | | | | | | All factors = | | Prime factorisation | | | | | | |
| put | | | _ | | | 4 | 78 Broduct of prime factors = | | | | | | | | |
| • | | | | | | | Number of factors = | $8xy^2$ | | | | | | | |
| | | | | | | | All factors = | $12x^2y$ | | | | | | | |
| | | | | | | 5 | 12 <i>x</i> ² <i>y</i> | LCM | | | | | | | |
| lumber 1 | Number 2 | LCM | HCF | Number 1 × Number 2 | | | Product of prime factors = | (p^{\max}) | | | | | | | |
| - | 24 | 24 | 3 | 72 | | | Number of factors = All factors = | HCF (<i>p</i> ^{min}) | | | | | | | |
| 10 | 6 | | | | | | | ¥ ' | | | | | | | |
| 10 | | | | | | | | | | | | | - | | |
| 18 | | | | | 108 | 10 | HCF of fractions = $\frac{HCF of numerators}{LCM of donominators}$ L | CM of frac | tions | | | nume | rators | | |
| 20 | 6 | | | | | | | 4 | | HU | or de | enom | inators | | |
| 21 | 35 | | | | 735 | 1 | HCF of $\frac{2}{9}$ and $\frac{8}{15} = \frac{2}{45}$ 3 HCF of $\frac{12}{11}$ and | $\frac{4}{15} =$ | 5 | HCF | of $\frac{9}{10}$ | an | d $\frac{1}{24} = -$ | | |
| 1 8 <i>x</i> | 6 <i>x</i> ² | 18 <i>x</i> ² | | | | | LCM of $\frac{2}{27}$ and $\frac{6}{9} = -$ LCM of $\frac{12}{11}$ and | $\frac{4}{15} =$ | | LCM | of $\frac{1}{1}$ | <u>/</u> and | $d \frac{1}{24} = -$ | | |
| $14xy^3$ | 42 <i>y</i> ² | | | | | 2 | HCF of $\frac{7}{3}$ and $\frac{22}{15} =$ 4 HCF of $\frac{8}{9}$ and $\frac{1}{3}$ | $\frac{14}{16} =$ | | | | | | | |
| 10 <i>abc</i> | | | | | $80a^{2}b^{3}c^{3}$ | | LCM of $\frac{7}{2}$ and $\frac{22}{15} =$ LCM of $\frac{8}{2}$ and | $\frac{14}{14} =$ | | | | | | | |
| | omplete iption. output v input vo input | ONIComplete the flowiption.output value is 2input value is 2input value is anImput value is an <td>Image: Second system Number LCM 1 24 24 10 6 18 20 6 21 $18x$ $6x^2$ $18x^2$ $10abc$ $10abc$ $10abc$</td> <td>Image: Second system Number LCM HCF 1 24 24 3 10 6 18 10 20 6 18 18x 20 6 18x 18x² 14xy³ 42y² 18x²</td> <td>ONIC omplete the flow diagram and table using iption. output value is $2,5$ times the input value minu input value is an even number between 0 and the imput value is an even number between 0 an even number between 0</td> <td>Omplete the flow diagram and table using the verbal iption. output value is 2,5 times the input value minus 3,2. input value is 2,5 times the input value minus 3,2. input value is an even number between 0 and 12. Implete the flow diagram and table using the verbal iption. output value is an even number between 0 and 12. Implete iption Implete. Implete. Implete. ICM HCF Number 1 × LCM × HCF 10 6 11 24 24 3 72 10 6 108 108 108 20 6 108 108 735 18x 6x² 18x² 14xy³ 42y² 10abc 0 80a²b³c³ 80a²b³c³</td> <td>ONICTermomplete the flow diagram and table using the verbal iption.7output value is 2,5 times the input value minus 3,2. input value is an even number between 0 and 12.\downarrow<td <="" colspan="2" td=""><td>Image: complete the flow diagram and table using the verbal prion.Image: complete the flow diagram and table using the verbal prion.Image: complete the flow diagram and table using the verbal prion.Image: complete table using the verbal product of prime factors = $2^3 \times 3^3$.Image: complete table using the verbal product of sprime factors = $(3 + 1)(1 + 1) = 8$Image: complete table using the verbal product of prime factors = $(1 + 2; 3; 4; 6; 8; 12; 24)$Image: complete table using the verbal product of prime factors = $(1 + 1)(-1 + 1) = 8$Image: complete table using the verbal product of prime factors = $(1 + 1)(-1 + 1) = 8$Image: complete table using the verbal product of prime factors = $(1 + 1)(-1 + 1) = 8$Image: complete table using the verbal product of prime factors = $(1 + 1)(-1 + 1) = 8$Image: complete table using the verbal product of prime factors = $(1 + 1)(-1 + 1) = 8$Image: complete table using the verbal product of prime factors = $(1 + 1)(-1 + 1) = 8$Image: complete table using table u</td><td>Image: Second second</td><td>Image: Number of factorsImage: Number of</td><td>Grade 9Term 3 Week 2omplete the flow diagram and table using the verbal liption.output value is 2,5 times the input value minus 3,2. input value is 2,5 times the input value minus 3,2. input value is an even number between 0 and 12.7Complete.Image: State of the input value minus 3,2. input value is an even number between 0 and 12.Image: State of the input value minus 3,2. input value is an even number between 0 and 12.Image: State of the input value minus 3,2. input value is an even number between 0 and 12.Image: State of the input value minus 3,2. input value is an even number between 0 and 12.Image: State of the input value minus 3,2. input value is an even number between 0 and 12.Image: State of the input value minus 3,2. input value is an even number between 0 and 12.Image: State of the input value minus 3,2. input value is 2,5 times the input value minus 3,2. input value is an even number between 0 and 12.Image: State of the input value is an even number of the input value is an even number of factors = (+ 1)(+ + 1) = All factors =All factors =Number of factors =All factors =Image: State of the input value is 2,5 times the input value input value is 2,5 times the inpu</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td></td></td> | Image: Second system Number LCM 1 24 24 10 6 18 20 6 21 $18x$ $6x^2$ $18x^2$ $10abc$ $10abc$ $10abc$ | Image: Second system Number LCM HCF 1 24 24 3 10 6 18 10 20 6 18 18x 20 6 18x 18x ² 14xy ³ 42y ² 18x ² | ONIC omplete the flow diagram and table using iption. output value is $2,5$ times the input value minu input value is an even number between 0 and the imput value is an even number between 0 | Omplete the flow diagram and table using the verbal iption. output value is 2,5 times the input value minus 3,2. input value is 2,5 times the input value minus 3,2. input value is an even number between 0 and 12. 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