

MATHEMATICS YEAR 4

TITLE 4 : TIME AND TIME

MULTIPLY TIME

(i) hours and days, (ii) days and weeks, (iii) months and years, (iv) years, decades and centuries

<p>1 DAY = 24 HOUR</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>DAY</td> <td>$\times 24 \rightarrow$</td> <td>HOUR</td> </tr> <tr> <td>HOUR</td> <td>$\rightarrow \div 24$</td> <td>DAY</td> </tr> </table> <p>1 WEEK = 7 DAY</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>WEEK</td> <td>$\times 7 \rightarrow$</td> <td>DAY</td> </tr> <tr> <td>DAY</td> <td>$\rightarrow \div 7$</td> <td>WEEK</td> </tr> </table>	DAY	$\times 24 \rightarrow$	HOUR	HOUR	$\rightarrow \div 24$	DAY	WEEK	$\times 7 \rightarrow$	DAY	DAY	$\rightarrow \div 7$	WEEK																
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<p>1 YEAR = 12 MONTH</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>CENTURY</td> <td>$\times 100 \rightarrow$</td> <td>YEAR</td> </tr> <tr> <td>YEAR</td> <td>$\rightarrow \div 100$</td> <td>CENTURY</td> </tr> </table> <p>1 DECADE = 10 YEAR</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>YEAR</td> <td>$\times 12 \rightarrow$</td> <td>MONTH</td> </tr> <tr> <td>MONTH</td> <td>$\rightarrow \div 12$</td> <td>YEAR</td> </tr> </table> <p>1 CENTURY = 100 YEAR</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>YEAR</td> <td>$\times 10 \rightarrow$</td> <td>YEAR</td> </tr> <tr> <td>YEAR</td> <td>$\rightarrow \div 10$</td> <td>DECADE</td> </tr> </table>	CENTURY	$\times 100 \rightarrow$	YEAR	YEAR	$\rightarrow \div 100$	CENTURY	YEAR	$\times 12 \rightarrow$	MONTH	MONTH	$\rightarrow \div 12$	YEAR	YEAR	$\times 10 \rightarrow$	YEAR	YEAR	$\rightarrow \div 10$	DECADE										
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<p>8 × 2 WEEK 4 DAY = _____ DAY</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="flex: 1;"> <p>Cara 1</p> <p>1 minggu = 7 hari 2 minggu 4 hari = 1 minggu + 1 minggu + 4 hari = 7 hari + 7 hari + 4 hari = 14 hari + 4 hari = 18 hari</p> <p>Cara 2</p> <table style="margin-left: auto; margin-right: 0;"> <tr> <td style="padding-right: 10px;">minggu</td> <td style="border-bottom: 1px solid black; padding-bottom: 5px;">2</td> <td style="padding-right: 10px;">hari</td> <td style="border-bottom: 1px solid black; padding-bottom: 5px;">4</td> </tr> <tr> <td style="padding-right: 10px;">×</td> <td style="border-bottom: 1px solid black; padding-bottom: 5px;">8</td> <td style="padding-right: 10px;">-</td> <td style="border-bottom: 1px solid black; padding-bottom: 5px;">32</td> </tr> <tr> <td colspan="4" style="text-align: center; padding-top: 5px;"><u>16 minggu</u></td> </tr> <tr> <td style="padding-right: 10px;">×</td> <td style="border-bottom: 1px solid black; padding-bottom: 5px;">7</td> <td style="padding-right: 10px;">-</td> <td style="border-bottom: 1px solid black; padding-bottom: 5px;">112 hari</td> </tr> <tr> <td colspan="4" style="text-align: center; padding-top: 5px;"><u>112 hari</u></td> </tr> <tr> <td colspan="4" style="text-align: center; padding-top: 5px;"><u>+ 32 hari</u></td> </tr> <tr> <td colspan="4" style="text-align: center; padding-top: 5px;"><u>144 hari</u></td> </tr> </table> </div> </div> <p>8 × 2 minggu 4 hari = 144 hari</p>	minggu	2	hari	4	×	8	-	32	<u>16 minggu</u>				×	7	-	112 hari	<u>112 hari</u>				<u>+ 32 hari</u>				<u>144 hari</u>			
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<p>21 × 9 YEAR = _____ CENTURY _____ YEAR</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="flex: 1;"> <p>Cara 1</p> <p>100 tahun = 1 abad</p> <p>$\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$ $\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$ tahun</p> <p>189 tahun = 100 tahun + 89 tahun = 1 abad 89 tahun</p> <p>21 × 9 tahun = 1 abad 89 tahun</p> </div> <div style="flex: 1; text-align: center;"> </div> </div>																												

EXERCISE: CALCULATE THE FOLLOWING.

1	3×4 DAY 6 HOUR = DAY HOUR	2	2×6 WEEK 3 DAY = WEEK DAY
3	7×3 YEAR 1 MONTH = YEAR MONTH	4	9×4 CENTURY 6 YEAR = CENTURY YEAR
5	11×8 DECADE 9 YEAR = DECADE YEAR	6	15×3 CENTURY 12 YEAR = CENTURY YEAR

DECADE	YEAR
8	9
\times	11
<hr/>	
8 8	
$+$	- 9 0
<hr/>	

CENTURY	YEAR
3	12
\times	15
<hr/>	
4 5	30
+120	
4 5	150
$+$	-
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