



الدرسة
الوطنية الأرثوذكسية
الشميساني

The National
Orthodox School
Shmaisani

المرحلة الأساسية للصفوف (4-5)
الفصل الدراسي الأول 2022 - 2023

المادة: رياضيات

الاسم : **اجابة نموذجية كتاب الطالب**

الصف : الخامس ()

كتاب الطالب :

صفحة 43 + 44

الحققة من فزيمي در 43

1)
$$\begin{array}{r} 12 \\ \times 48 \\ \hline 96 \\ + 480 \\ \hline 576 \end{array}$$

2)
$$\begin{array}{r} 24 \\ \times 6 \\ \hline 144 \end{array}$$

أدرب در 44

1)
$$\begin{array}{r} 27 \\ \times 58 \\ \hline 216 \\ + 1350 \\ \hline 1566 \end{array}$$

2)
$$\begin{array}{r} 36 \\ \times 48 \\ \hline 288 \\ + 1440 \\ \hline 1728 \end{array}$$

3)
$$\begin{array}{r} 33 \\ \times 99 \\ \hline 297 \\ + 2970 \\ \hline 3267 \end{array}$$

4)
$$\begin{array}{r} 88 \\ \times 44 \\ \hline 352 \\ + 3520 \\ \hline 3872 \end{array}$$

5)
$$\begin{array}{r} 207 \\ \times 84 \\ \hline 828 \\ + 16560 \\ \hline 17388 \end{array}$$

6)
$$\begin{array}{r} 306 \\ \times 74 \\ \hline 1224 \\ + 21420 \\ \hline 22644 \end{array}$$

صفحة 51

التربيع (مربع 5)

1)
$$\begin{array}{r} 25 \times 17 \\ \underline{3425} \\ - 25 \\ \hline 175 \\ - 175 \\ \hline 000 \end{array}$$

2)
$$\begin{array}{r} 5 \times 17 \\ \underline{85} \\ - 5 \\ \hline 35 \\ - 35 \\ \hline 00 \end{array}$$

3)
$$\begin{array}{r} 27 \times 25 \\ \underline{675} \\ - 54 \\ \hline 135 \\ - 135 \\ \hline 000 \end{array}$$

4)
$$\begin{array}{r} 4 \times 96 \\ \underline{384} \\ - 36 \\ \hline 024 \\ - 24 \\ \hline 00 \end{array}$$

5)
$$\begin{array}{r} 14 \times 52 \\ \underline{728} \\ - 70 \\ \hline 028 \\ - 28 \\ \hline 00 \end{array}$$

6)
$$\begin{array}{r} 29 \times 29 \\ \underline{841} \\ - 58 \\ \hline 261 \\ - 261 \\ \hline 000 \end{array}$$

8 مربع

11)
$$\begin{array}{r} 27 \times 8 \\ \underline{216} \\ - 216 \\ \hline 000 \end{array}$$

14 دیناراً

12)
$$\begin{array}{r} 71 \times 14 \\ \underline{994} \\ - 71 \\ \hline 284 \\ - 284 \\ \hline 000 \end{array}$$

صفحة 55

أُدرّب ص 55

$$1) \begin{array}{r} \times 18 \\ 15 \overline{) 276} \\ \underline{-15} \\ 126 \\ \underline{-120} \\ 006 \end{array}$$

$$2) \begin{array}{r} 14 \\ 22 \overline{) 310} \\ \underline{-22} \\ 90 \\ \underline{-88} \\ 02 \end{array}$$

$$3) \begin{array}{r} 32 \\ 24 \overline{) 770} \\ \underline{-72} \\ 050 \\ \underline{-48} \\ 02 \end{array}$$

$$4) \begin{array}{r} \times 33 \\ 26 \overline{) 864} \\ \underline{-78} \\ 84 \\ \underline{-78} \\ 06 \end{array}$$

$$5) \begin{array}{r} \times 20 \\ 25 \overline{) 507} \\ \underline{-50} \\ 007 \\ \underline{-0} \\ 7 \end{array}$$

$$6) \begin{array}{r} 20 \\ 30 \overline{) 605} \\ \underline{-60} \\ 005 \\ \underline{-0} \\ 5 \end{array}$$

31 مختلف

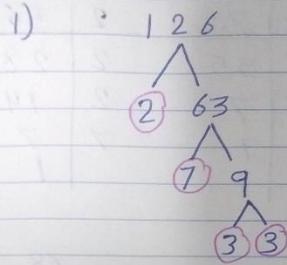
$$1) \begin{array}{r} 30 \\ 25 \overline{) 765} \quad (7) \\ \underline{-75} \\ 015 \\ \underline{-0} \\ 15 \end{array}$$

27 لاقه
ويشتر 4 زمرات

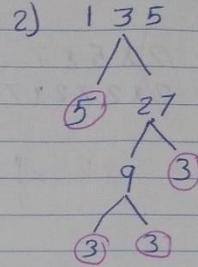
$$2) \begin{array}{r} 27 \\ 13 \overline{) 355} \quad (8) \\ \underline{-26} \\ 95 \\ \underline{-91} \\ 04 \end{array}$$

صفحة 65

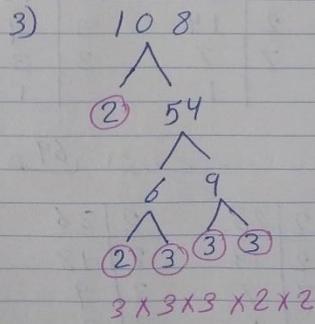
ك.ب. د. 65



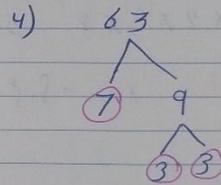
$7 \times 3 \times 3 \times 2 = 126$ عوامل



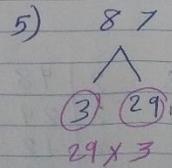
$5 \times 3 \times 3 \times 3 = 135$ عوامل



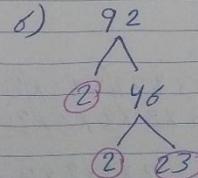
$3 \times 3 \times 3 \times 2 \times 2$



$3 \times 3 \times 7$



29×3



$23 \times 2 \times 2$

صفحة 67 + 68 + 69

67 اذقق من فهمي

$70 = 2 \times 5 \times 7$ $56 = 2 \times 2 \times 2 \times 7$ $14 = 7 \times 2 = \text{p.p.ع}$	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">70</td> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">56</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">5</td> <td style="padding: 5px;">35</td> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">28</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">7</td> <td style="padding: 5px;">7</td> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">14</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">1</td> <td style="padding: 5px;"></td> <td style="border-right: 1px solid black; padding: 5px;">7</td> <td style="padding: 5px;">7</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="border-right: 1px solid black; padding: 5px;">1</td> <td style="padding: 5px;">1</td> </tr> </table>	2	70	2	56	5	35	2	28	7	7	2	14	1		7	7			1	1
2	70	2	56																		
5	35	2	28																		
7	7	2	14																		
1		7	7																		
		1	1																		

68 اذقق من فهمي

$3 \times 3 \times 2 \times 2 = 36$ $7 \times 2 \times 2 \times 2 = 56$ $4 = 2 \times 2 = \text{p.p.ع}$	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">56</td> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">36</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">28</td> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">18</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">14</td> <td style="border-right: 1px solid black; padding: 5px;">3</td> <td style="padding: 5px;">9</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">7</td> <td style="padding: 5px;">7</td> <td style="border-right: 1px solid black; padding: 5px;">3</td> <td style="padding: 5px;">3</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">1</td> <td style="padding: 5px;"></td> <td style="border-right: 1px solid black; padding: 5px;">1</td> <td style="padding: 5px;">1</td> </tr> </table>	2	56	2	36	2	28	2	18	2	14	3	9	7	7	3	3	1		1	1
2	56	2	36																		
2	28	2	18																		
2	14	3	9																		
7	7	3	3																		
1		1	1																		

69 اذقق من فهمي

<p>1) $3 \times 3 \times 2 \times 2 = 36$ $7 \times 2 \times 2 = 28$ $4 = 2 \times 2 = \text{p.p.ع}$</p> <p>2) $3 \times 2 \times 2 \times 2 \times 2 = 48$ $3 \times 3 \times 2 \times 2 \times 2 = 72$ $24 = 3 \times 2 \times 2 \times 2 = \text{p.p.ع}$</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">28</td> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">36</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">14</td> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">18</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">7</td> <td style="padding: 5px;">7</td> <td style="border-right: 1px solid black; padding: 5px;">3</td> <td style="padding: 5px;">9</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">1</td> <td style="padding: 5px;"></td> <td style="border-right: 1px solid black; padding: 5px;">3</td> <td style="padding: 5px;">3</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="border-right: 1px solid black; padding: 5px;">1</td> <td style="padding: 5px;">1</td> </tr> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px;">3</td> <td style="padding: 5px;">72</td> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">48</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">24</td> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">24</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">12</td> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">12</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">6</td> <td style="border-right: 1px solid black; padding: 5px;">2</td> <td style="padding: 5px;">6</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">3</td> <td style="padding: 5px;">3</td> <td style="border-right: 1px solid black; padding: 5px;">3</td> <td style="padding: 5px;">3</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">1</td> <td style="padding: 5px;"></td> <td style="border-right: 1px solid black; padding: 5px;">1</td> <td style="padding: 5px;">1</td> </tr> </table>	2	28	2	36	2	14	2	18	7	7	3	9	1		3	3			1	1	3	72	2	48	2	24	2	24	2	12	2	12	2	6	2	6	3	3	3	3	1		1	1
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2	12	2	12																																										
2	6	2	6																																										
3	3	3	3																																										
1		1	1																																										

69. P. 15

3) $7 \times 3 \times 2 \times 2 = 84$
 $3 \times 2 \times 2 \times 2 \times 2 = 96$

$12 = 3 \times 2 \times 2 = \text{p.p. } 8$

2	96	2	84
2	48	2	42
2	24	3	21
2	12	7	7
2	6		1
3	3		
	1		

4) $5 \times 5 = 25$
 $5 \times 3 = 15$
 $5 = \text{p.p. } 8$

3	15	5	25
5	5	5	5
	1		1

5) $5 \times 3 = 15$
 $5 \times 2 = 10$
 $5 = \text{p.p. } 8$

2	10	3	15
5	5	5	5
	1		1

6) $5 \times 3 \times 2 = 30$
 $3 \times 3 \times 2 = 18$
 $6 = 3 \times 2 = \text{p.p. } 8$

2	18	2	30
3	9	3	15
3	3	5	5
	1		1

7) $5 \times 5 \times 2 = 50$
 $5 \times 5 \times 3 = 75$
 $25 = 5 \times 5 = \text{p.p. } 8$
cm

5	75	5	50
5	15	5	10
3	3	2	2
	1		1