

# Multiplication

## Multiplying by Two-Digits – Worksheet #1 Answers

$\begin{array}{r} 11 \\ \times 11 \\ \hline 11 \\ +110 \\ \hline 121 \end{array}$	$\begin{array}{r} 15 \\ \times 20 \\ \hline 300 \end{array}$	$\begin{array}{r} 20 \\ \times 10 \\ \hline 200 \end{array}$	$\begin{array}{r} 81 \\ \times 12 \\ \hline 162 \\ +810 \\ \hline 972 \end{array}$	$\begin{array}{r} 14 \\ \times 12 \\ \hline 28 \\ +140 \\ \hline 168 \end{array}$	$\begin{array}{r} 33 \\ \times 33 \\ \hline 99 \\ +990 \\ \hline 1089 \end{array}$
---	--	--	--	---	--

$\begin{array}{r} 80 \\ \times 22 \\ \hline 160 \\ +1600 \\ \hline 1760 \end{array}$	$\begin{array}{r} 41 \\ \times 12 \\ \hline 82 \\ +410 \\ \hline 492 \end{array}$	$\begin{array}{r} 22 \\ \times 15 \\ \hline 110 \\ +220 \\ \hline 330 \end{array}$	$\begin{array}{r} 25 \\ \times 25 \\ \hline 125 \\ +500 \\ \hline 625 \end{array}$	$\begin{array}{r} 30 \\ \times 20 \\ \hline 600 \end{array}$	$\begin{array}{r} 88 \\ \times 10 \\ \hline 880 \end{array}$
--	---	--	--	--	--

$\begin{array}{r} 83 \\ \times 15 \\ \hline 415 \\ +830 \\ \hline 1245 \end{array}$	$\begin{array}{r} 50 \\ \times 11 \\ \hline 50 \\ +500 \\ \hline 550 \end{array}$	$\begin{array}{r} 64 \\ \times 10 \\ \hline 640 \end{array}$	$\begin{array}{r} 56 \\ \times 22 \\ \hline 112 \\ +1120 \\ \hline 1232 \end{array}$	$\begin{array}{r} 46 \\ \times 20 \\ \hline 920 \end{array}$	$\begin{array}{r} 12 \\ \times 12 \\ \hline 24 \\ +120 \\ \hline 144 \end{array}$
---	---	--	--	--	---

$\begin{array}{r} 30 \\ \times 30 \\ \hline 900 \end{array}$	$\begin{array}{r} 16 \\ \times 11 \\ \hline 16 \\ +160 \\ \hline 176 \end{array}$	$\begin{array}{r} 51 \\ \times 20 \\ \hline 1020 \end{array}$	$\begin{array}{r} 54 \\ \times 33 \\ \hline 162 \\ +1620 \\ \hline 1782 \end{array}$	$\begin{array}{r} 85 \\ \times 12 \\ \hline 170 \\ +850 \\ \hline 1020 \end{array}$	$\begin{array}{r} 60 \\ \times 11 \\ \hline 60 \\ +600 \\ \hline 660 \end{array}$
--	---	---	--	---	---

86	44	99	13	50	80
<u>x 10</u>	<u>x 20</u>	<u>x 10</u>	<u>x 13</u>	<u>x 20</u>	<u>x 10</u>
860	880	990	39	1000	800
			<u>+130</u>		
			169		

21	70	66	90	15	17
<u>x 21</u>	<u>x 70</u>	<u>x 11</u>	<u>x 11</u>	<u>x 15</u>	<u>x 10</u>
21	4900	66	90	75	170
<u>+420</u>		<u>+660</u>	<u>+900</u>	<u>+150</u>	
441		726	990	225	

24	25	30	92	55	51
<u>x 20</u>	<u>x 20</u>	<u>x 40</u>	<u>x 21</u>	<u>x 30</u>	<u>x 30</u>
480	500	1200	92	1650	1530
			<u>+1840</u>		
			1932		

18	34	26	19	30	40
<u>x 12</u>	<u>x 12</u>	<u>x 13</u>	<u>x 90</u>	<u>x 12</u>	<u>x 20</u>
36	68	78	1710	60	800
<u>+180</u>	<u>+340</u>	<u>+260</u>		<u>+300</u>	
216	408	338		360	

# Multiplication

## Multiplying by Two-Digits – Worksheet #2 Answers

$\begin{array}{r} 11 \\ \times 12 \\ \hline 22 \\ +110 \\ \hline 132 \end{array}$	$\begin{array}{r} 31 \\ \times 13 \\ \hline 93 \\ +310 \\ \hline 403 \end{array}$	$\begin{array}{r} 37 \\ \times 37 \\ \hline 259 \\ +1110 \\ \hline 1369 \end{array}$	$\begin{array}{r} 19 \\ \times 19 \\ \hline 171 \\ +190 \\ \hline 361 \end{array}$	$\begin{array}{r} 14 \\ \times 10 \\ \hline 140 \end{array}$	$\begin{array}{r} 32 \\ \times 11 \\ \hline 32 \\ +320 \\ \hline 352 \end{array}$
---	---	--	--	--	---

$\begin{array}{r} 21 \\ \times 20 \\ \hline 420 \end{array}$	$\begin{array}{r} 23 \\ \times 23 \\ \hline 69 \\ +460 \\ \hline 529 \end{array}$	$\begin{array}{r} 19 \\ \times 22 \\ \hline 38 \\ 380 \\ \hline 418 \end{array}$	$\begin{array}{r} 57 \\ \times 11 \\ \hline 57 \\ +570 \\ \hline 627 \end{array}$	$\begin{array}{r} 29 \\ \times 33 \\ \hline 87 \\ +870 \\ \hline 957 \end{array}$	$\begin{array}{r} 35 \\ \times 66 \\ \hline 210 \\ +2100 \\ \hline 2310 \end{array}$
--	---	--	---	---	--

$\begin{array}{r} 48 \\ \times 40 \\ \hline 1920 \end{array}$	$\begin{array}{r} 53 \\ \times 53 \\ \hline 159 \\ +2650 \\ \hline 2809 \end{array}$	$\begin{array}{r} 84 \\ \times 17 \\ \hline 588 \\ +840 \\ \hline 1428 \end{array}$	$\begin{array}{r} 47 \\ \times 20 \\ \hline 940 \end{array}$	$\begin{array}{r} 55 \\ \times 25 \\ \hline 275 \\ +1100 \\ \hline 1375 \end{array}$	$\begin{array}{r} 48 \\ \times 14 \\ \hline 192 \\ +480 \\ \hline 672 \end{array}$
---	--	---	--	--	--

$\begin{array}{r} 82 \\ \times 25 \\ \hline 410 \\ +1640 \\ \hline 2050 \end{array}$	$\begin{array}{r} 60 \\ \times 20 \\ \hline 1200 \end{array}$	$\begin{array}{r} 97 \\ \times 10 \\ \hline 970 \end{array}$	$\begin{array}{r} 94 \\ \times 11 \\ \hline 94 \\ +940 \\ \hline 1034 \end{array}$	$\begin{array}{r} 70 \\ \times 20 \\ \hline 1400 \end{array}$	$\begin{array}{r} 39 \\ \times 14 \\ \hline 156 \\ +390 \\ \hline 546 \end{array}$
--	---	--	--	---	--

53	51	35	28	23	91
<u>x 13</u>	<u>x 19</u>	<u>x 11</u>	<u>x 82</u>	<u>x 50</u>	<u>x 30</u>
159	459	35	56	1150	2730
<u>+530</u>	<u>+510</u>	<u>+350</u>	<u>+2240</u>		
689	969	385	2296		

58	84	59	87	98	91
<u>x 11</u>	<u>x 10</u>	<u>x 14</u>	<u>x 16</u>	<u>x 20</u>	<u>x 12</u>
58	840	236	522	1960	182
<u>+580</u>		<u>+590</u>	<u>+870</u>		<u>+910</u>
638		826	1392		1092

93	61	52	63	37	36
<u>x 12</u>	<u>x 61</u>	<u>x 50</u>	<u>x 13</u>	<u>x 36</u>	<u>x 12</u>
186	61	2600	189	222	72
<u>+930</u>	<u>+3660</u>		<u>+630</u>	<u>+1110</u>	<u>+360</u>
1116	3721		819	1332	432

67	14	38	68	17	71
<u>x 11</u>	<u>x 14</u>	<u>x 13</u>	<u>x 68</u>	<u>x 11</u>	<u>x 13</u>
67	56	114	544	17	213
<u>+670</u>	<u>+140</u>	<u>+380</u>	<u>+4080</u>	<u>+170</u>	<u>+710</u>
737	196	494	4624	187	923

# Multiplication

## Multiplying by Two-Digits – Worksheet #3 Answers

$\begin{array}{r} 16 \\ \times 12 \\ \hline 32 \\ +160 \\ \hline 192 \end{array}$	$\begin{array}{r} 55 \\ \times 55 \\ \hline 275 \\ +2750 \\ \hline 3025 \end{array}$	$\begin{array}{r} 21 \\ \times 22 \\ \hline 42 \\ +420 \\ \hline 462 \end{array}$	$\begin{array}{r} 20 \\ \times 67 \\ \hline 140 \\ +1200 \\ \hline 1340 \end{array}$	$\begin{array}{r} 15 \\ \times 92 \\ \hline 30 \\ +1350 \\ \hline 1380 \end{array}$	$\begin{array}{r} 32 \\ \times 32 \\ \hline 64 \\ +960 \\ \hline 1024 \end{array}$
---	--	---	--	---	--

$\begin{array}{r} 23 \\ \times 22 \\ \hline 46 \\ +460 \\ \hline 506 \end{array}$	$\begin{array}{r} 40 \\ \times 66 \\ \hline 240 \\ +2400 \\ \hline 2640 \end{array}$	$\begin{array}{r} 10 \\ \times 68 \\ \hline 80 \\ +600 \\ \hline 680 \end{array}$	$\begin{array}{r} 99 \\ \times 11 \\ \hline 99 \\ +990 \\ \hline 1089 \end{array}$	$\begin{array}{r} 52 \\ \times 55 \\ \hline 260 \\ +2600 \\ \hline 2860 \end{array}$	$\begin{array}{r} 82 \\ \times 15 \\ \hline 410 \\ +820 \\ \hline 1230 \end{array}$
---	--	---	--	--	---

$\begin{array}{r} 90 \\ \times 12 \\ \hline 180 \\ +900 \\ \hline 1080 \end{array}$	$\begin{array}{r} 37 \\ \times 30 \\ \hline 1110 \end{array}$	$\begin{array}{r} 66 \\ \times 25 \\ \hline 330 \\ +1320 \\ \hline 1650 \end{array}$	$\begin{array}{r} 28 \\ \times 22 \\ \hline 56 \\ +560 \\ \hline 616 \end{array}$	$\begin{array}{r} 61 \\ \times 20 \\ \hline 1220 \end{array}$	$\begin{array}{r} 48 \\ \times 15 \\ \hline 240 \\ +480 \\ \hline 720 \end{array}$
---	---	--	---	---	--

$\begin{array}{r} 22 \\ \times 65 \\ \hline 110 \\ +1320 \\ \hline 1430 \end{array}$	$\begin{array}{r} 69 \\ \times 22 \\ \hline 138 \\ +1380 \\ \hline 1518 \end{array}$	$\begin{array}{r} 33 \\ \times 44 \\ \hline 132 \\ +1320 \\ \hline 1452 \end{array}$	$\begin{array}{r} 25 \\ \times 10 \\ \hline 250 \end{array}$	$\begin{array}{r} 86 \\ \times 12 \\ \hline 172 \\ +860 \\ \hline 1032 \end{array}$	$\begin{array}{r} 95 \\ \times 16 \\ \hline 570 \\ +950 \\ \hline 1520 \end{array}$
--	--	--	--	---	---

88	14	17	27	89	96
<u>x 20</u>	<u>x 15</u>	<u>x 12</u>	<u>x 22</u>	<u>x 11</u>	<u>x 10</u>
1760	70	34	54	89	960
	<u>+140</u>	<u>+170</u>	<u>+540</u>	<u>+890</u>	
	210	204	594	979	

12	35	10	65	49	45
<u>x 19</u>	<u>x 22</u>	<u>x 91</u>	<u>x 33</u>	<u>x 20</u>	<u>x 14</u>
108	70	10	195	980	180
<u>+120</u>	<u>+700</u>	<u>+900</u>	<u>+1950</u>		<u>+450</u>
228	770	910	2145		630

12	68	42	99	24	28
<u>x 13</u>	<u>x 12</u>	<u>x 11</u>	<u>x 12</u>	<u>x 24</u>	<u>x 11</u>
36	136	42	198	96	28
<u>+120</u>	<u>+680</u>	<u>+420</u>	<u>+990</u>	<u>+480</u>	<u>+280</u>
156	816	462	1188	576	308

80	77	43	72	79	15
<u>x 23</u>	<u>x 12</u>	<u>x 43</u>	<u>x 22</u>	<u>x 13</u>	<u>x 16</u>
240	154	129	144	237	90
<u>+1600</u>	<u>+770</u>	<u>+1720</u>	<u>+1440</u>	<u>+790</u>	<u>+150</u>
1840	924	1849	1584	1027	240

# Multiplication

## Multiplying by Two-Digits – Worksheet #4 Answers

11	25	65	44	32	90
<u>x 23</u>	<u>x 16</u>	<u>x 11</u>	<u>x 32</u>	<u>x 42</u>	<u>x 44</u>
33	150	65	88	64	360
<u>+220</u>	<u>+250</u>	<u>+650</u>	<u>+1320</u>	<u>+1280</u>	<u>+3600</u>
253	400	715	1408	1344	3960

56	78	31	25	37	68
<u>x 34</u>	<u>x 22</u>	<u>x 31</u>	<u>x 30</u>	<u>x 40</u>	<u>x 50</u>
224	156	31	750	1480	3400
<u>+1680</u>	<u>+1560</u>	<u>+930</u>			
1904	1716	961			

36	78	25	58	94	72
<u>x 23</u>	<u>x 11</u>	<u>x 22</u>	<u>x 40</u>	<u>x 13</u>	<u>x 33</u>
108	78	50	2320	282	216
<u>+720</u>	<u>+780</u>	<u>500</u>		<u>+940</u>	<u>+2160</u>
828	858	550		1222	2376

83	25	15	63	41	48
<u>x 11</u>	<u>x 99</u>	<u>x 88</u>	<u>x 44</u>	<u>x 22</u>	<u>x 13</u>
83	225	120	252	82	144
<u>+830</u>	<u>+2250</u>	<u>+1200</u>	<u>+2520</u>	<u>+820</u>	<u>+480</u>
913	2475	1320	2772	902	624

42	80	50	37	77	46
<u>x 17</u>	<u>x 24</u>	<u>x 14</u>	<u>x 13</u>	<u>x 11</u>	<u>x 22</u>
294	320	200	111	77	92
<u>+420</u>	<u>+1600</u>	<u>+500</u>	<u>+370</u>	<u>+770</u>	<u>+920</u>
714	1920	700	481	847	1012

19	29	39	40	58	75
<u>x 13</u>	<u>x 29</u>	<u>x 11</u>	<u>x 40</u>	<u>x 22</u>	<u>x 20</u>
57	261	39	1600	116	1500
<u>+190</u>	<u>+580</u>	<u>+390</u>		<u>+1160</u>	
247	841	429		1276	

74	72	18	29	37	46
<u>x 44</u>	<u>x 33</u>	<u>x 18</u>	<u>x 12</u>	<u>x 44</u>	<u>x 13</u>
296	216	144	58	148	138
<u>+2960</u>	<u>+2160</u>	<u>+180</u>	<u>+290</u>	<u>+1480</u>	<u>+460</u>
3256	2376	324	348	1628	598

36	84	73	62	95	38
<u>x 20</u>	<u>x 20</u>	<u>x 11</u>	<u>x 40</u>	<u>x 40</u>	<u>x 25</u>
720	1680	73	2480	3800	190
		<u>+730</u>			<u>+760</u>
		803			950



# Multiplication

## Multiplying by Two-Digits – Worksheet #5 Answers

$\begin{array}{r} 15 \\ \times 33 \\ \hline 45 \\ +450 \\ \hline 495 \end{array}$	$\begin{array}{r} 35 \\ \times 35 \\ \hline 175 \\ +1050 \\ \hline 1225 \end{array}$	$\begin{array}{r} 46 \\ \times 12 \\ \hline 92 \\ +460 \\ \hline 552 \end{array}$	$\begin{array}{r} 22 \\ \times 22 \\ \hline 44 \\ +440 \\ \hline 484 \end{array}$	$\begin{array}{r} 24 \\ \times 30 \\ \hline 720 \end{array}$	$\begin{array}{r} 98 \\ \times 30 \\ \hline 2940 \end{array}$
---	--	---	---	--	---

$\begin{array}{r} 46 \\ \times 33 \\ \hline 138 \\ +1380 \\ \hline 1518 \end{array}$	$\begin{array}{r} 49 \\ \times 30 \\ \hline 1470 \end{array}$	$\begin{array}{r} 66 \\ \times 66 \\ \hline 396 \\ +3960 \\ \hline 4356 \end{array}$	$\begin{array}{r} 79 \\ \times 20 \\ \hline 1580 \end{array}$	$\begin{array}{r} 55 \\ \times 90 \\ \hline 4950 \end{array}$	$\begin{array}{r} 21 \\ \times 33 \\ \hline 63 \\ +630 \\ \hline 693 \end{array}$
--	---	--	---	---	---

$\begin{array}{r} 65 \\ \times 20 \\ \hline 1300 \end{array}$	$\begin{array}{r} 22 \\ \times 75 \\ \hline 110 \\ +1540 \\ \hline 1650 \end{array}$	$\begin{array}{r} 33 \\ \times 22 \\ \hline 66 \\ +660 \\ \hline 726 \end{array}$	$\begin{array}{r} 18 \\ \times 20 \\ \hline 360 \end{array}$	$\begin{array}{r} 16 \\ \times 16 \\ \hline 96 \\ +160 \\ \hline 256 \end{array}$	$\begin{array}{r} 36 \\ \times 36 \\ \hline 216 \\ +1080 \\ \hline 1296 \end{array}$
---	--	---	--	---	--

$\begin{array}{r} 84 \\ \times 30 \\ \hline 2520 \end{array}$	$\begin{array}{r} 77 \\ \times 20 \\ \hline 1540 \end{array}$	$\begin{array}{r} 45 \\ \times 45 \\ \hline 225 \\ +1800 \\ \hline 2025 \end{array}$	$\begin{array}{r} 64 \\ \times 64 \\ \hline 256 \\ +3840 \\ \hline 4096 \end{array}$	$\begin{array}{r} 55 \\ \times 10 \\ \hline 550 \end{array}$	$\begin{array}{r} 15 \\ \times 11 \\ \hline 15 \\ +150 \\ \hline 165 \end{array}$
---	---	--	--	--	---

16	19	64	99	88	77
<u>x 22</u>	<u>x 34</u>	<u>x 66</u>	<u>x 21</u>	<u>x 11</u>	<u>x 66</u>
32	76	384	99	88	462
<u>+320</u>	<u>+570</u>	<u>+3840</u>	<u>+1980</u>	<u>+880</u>	<u>+4620</u>
352	646	4224	2079	968	5082

64	56	34	23	18	94
<u>x 42</u>	<u>x 10</u>	<u>x 11</u>	<u>x 45</u>	<u>x 25</u>	<u>x 54</u>
128	560	34	115	90	376
<u>+2560</u>		<u>+340</u>	<u>+920</u>	<u>+360</u>	<u>+4700</u>
2688		374	1035	450	5076

64	68	81	19	29	61
<u>x 11</u>	<u>x 99</u>	<u>x 20</u>	<u>x 44</u>	<u>x 40</u>	<u>x 90</u>
64	612	1620	76	1160	5490
<u>+640</u>	<u>+6120</u>		<u>+760</u>		
704	6732		836		

91	19	66	94	85	26
<u>x 46</u>	<u>x 65</u>	<u>x 33</u>	<u>x 22</u>	<u>x 44</u>	<u>x 20</u>
546	95	198	188	340	520
<u>+3640</u>	<u>+1140</u>	<u>+1980</u>	<u>+1880</u>	<u>+3400</u>	
4186	1235	2178	2068	3740	