



8. MATHEMAGICS

Practice 1 slide 2 Multiply:

1)
$$\begin{array}{r} 89 \\ 96 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 97 \\ 94 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 91 \\ 95 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 99 \\ 88 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 98 \\ 98 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 88 \\ 88 \\ \hline \end{array}$$

Practice 2 slide 6

1) 96×88

2) 91×98

3) 94×93

4) 94×89

5) 88×97

6) 67×99

Practice 3 slide 7

1) 106×107

2) 104×108

3) 102×104

4) 101×156

5) 111×111

6) 112×112

Practice 4 slide 8 Multiply:

$$\begin{array}{r} 1) \ 103 \\ \underline{94} \end{array}$$

$$\begin{array}{r} 2) \ 108 \\ \underline{97} \end{array}$$

$$\begin{array}{r} 3) \ 104 \\ \underline{98} \end{array}$$

$$\begin{array}{r} 4) \ 105 \\ \underline{95} \end{array}$$

$$\begin{array}{r} 5) \ 102 \\ \underline{98} \end{array}$$

$$\begin{array}{r} 6) \ 79 \\ \underline{105} \end{array}$$

Practice 5 slide 9 Use Proportionately:

$$1) 208 \times 103$$

$$2) 192 \times 98$$

$$3) 309 \times 104$$

$$4) 54 \times 97$$

$$5) 33 \times 97$$

$$6) 194 \times 46$$

Practice 6 slide 10 Multiply:

$$\begin{array}{r} 1) \ 201 \\ \underline{234} \\ 198 \\ 188 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \ 321 \\ \underline{303} \\ 289 \\ 293 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \ 702 \\ \underline{707} \\ 499 \\ 499 \\ \hline \end{array}$$

Practice 7 slide 11 Multiply:

$$\begin{array}{r} 1) \ 8 \\ \underline{9} \end{array}$$

$$\begin{array}{r} 2) \ 7 \\ \underline{6} \end{array}$$

$$\begin{array}{r} 3) \ 9 \\ \underline{4} \end{array}$$

$$\begin{array}{r} 4) \ 11 \\ \underline{12} \end{array}$$

$$\begin{array}{r} 5) \ 13 \\ \underline{13} \\ \hline \end{array}$$

$$\begin{array}{r} 6) \ 14 \\ \underline{17} \\ \hline \end{array}$$

$$\begin{array}{r} 7) \ 14 \\ \underline{9} \\ \hline \end{array}$$

$$\begin{array}{r} 8) \ 7 \\ \underline{12} \\ \hline \end{array}$$

Practice 8 slide 12 Multiply:

$$\begin{array}{r} 1) \quad 41 \\ \underline{42} \end{array}$$

$$\begin{array}{r} 2) \quad 33 \\ \underline{32} \end{array}$$

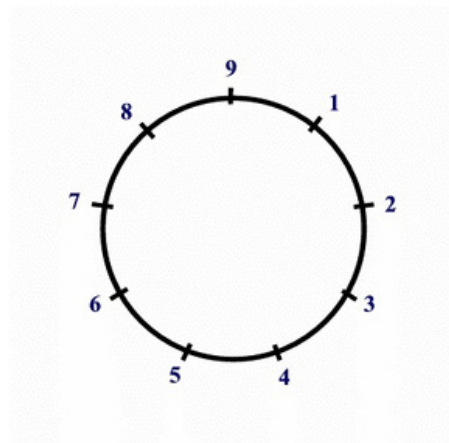
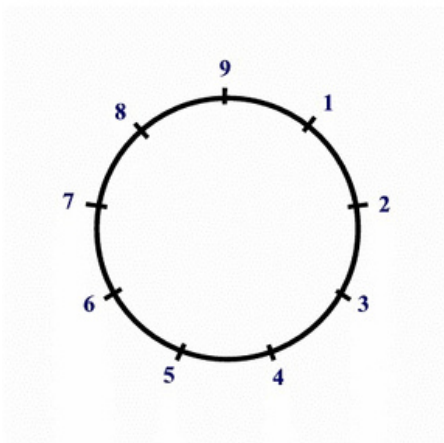
$$\begin{array}{r} 3) \quad 51 \\ \underline{56} \end{array}$$

$$\begin{array}{r} 4) \quad 19 \\ \underline{18} \\ \hline \hline \end{array}$$

$$\begin{array}{r} 5) \quad 38 \\ \underline{36} \\ \hline \hline \end{array}$$

$$\begin{array}{r} 6) \quad 17 \\ \underline{16} \\ \hline \hline \end{array}$$

Practice 9 slide 13 Tables patterns:



Practice 10 slide 15 Multiply:

$$\begin{array}{r} 1) \quad 889 \\ \underline{996} \\ 9996 \end{array}$$

$$\begin{array}{r} 2) \quad 98798 \\ \underline{99996} \end{array}$$

$$\begin{array}{r} 3) \quad 1213 \\ \underline{1004} \end{array}$$

$$\begin{array}{r} 4) \quad 6998 \\ \hline \hline \end{array}$$

$$\begin{array}{r} 5) \quad 10024 \\ \underline{9997} \\ \hline \hline \end{array}$$

$$\begin{array}{r} 6) \quad 2123 \\ \underline{2003} \end{array}$$

Practice 11 slide 16 Square:

$$1) \quad 94$$

$$2) \quad 103$$

$$3) \quad 1012$$

$$4) \quad 988$$

$$5) \quad 212$$

$$6) \quad 409$$

Practice 12 slide 17 Multiply:

$$\begin{array}{r} 1) \quad 988 \, 9 \\ \underline{996} \end{array}$$

$$\begin{array}{r} 2) \quad 9 \, 989 \\ \underline{97} \end{array}$$

$$\begin{array}{r} 3) \quad 988 \\ \underline{88} \end{array}$$

$$\begin{array}{r} 4) \quad 102 \, 3 \\ \underline{104} \end{array}$$

$$\begin{array}{r} 5) \quad 1124 \\ \underline{111} \end{array}$$

$$\begin{array}{r} 6) \quad 7868 \\ \underline{9} \end{array}$$

**ANSWERS
LESSON 8**

Pr 1

1) 8544 2) 9118 3) 8645 4) 8712 5) 9604 6) 7744

Pr 2

1) 8448 2) 8918 3) 8742 4) 8366 5) 8536 6) 6633

Pr 3

1) 11342 2) 11232 3) 10608 4) 15756 5) 12321 6) 12544

Pr 4

1) 9682 2) 10476 3) 10192 4) 9975 5) 9996 6) 8295

Pr 5

1) 21424 2) 18816 3) 32136 4) 5238 5) 3201 6) 8924

Pr 6

1) 47034 2) 97263 3) 496314 4) 37224 5) 84677 6) 249001

Pr 7

1) 72 2) 42 3) 36 4) 132 5) 169 6) 238
7) 126 8) 84

Pr 8

1) 1722 2) 1056 3) 2856 4) 342 5) 1368 6) 272

Pr 10

1) 885444 2) 9879404808 3) 1217852
4) 69952008 5) 100209928 6) 4252369

Pr 11

1) 8836 2) 10609 3) 1024144
4) 976144 5) 44944 6) 167281

Pr 12

1) 9849444 2) 968933 3) 86944
4) 106392 5) 124764 6) 70812