

8. MATHEMAGICS

Practice 1 slide 2 Multiply:

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

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

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

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

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

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

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:

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

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

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

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

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

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

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:

$$\begin{array}{r} 1) \quad 201 \\ \underline{234} \end{array}$$

$$\begin{array}{r} 2) \quad 321 \\ \underline{303} \end{array}$$

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

$$\begin{array}{r} 4) \quad 198 \\ \underline{188} \end{array}$$

$$\begin{array}{r} 5) \quad 289 \\ \underline{293} \end{array}$$

$$\begin{array}{r} 6) \quad 499 \\ \underline{499} \end{array}$$

Practice 7 slide 11 Multiply:

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

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

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

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

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

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

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

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

Practice 8 slide 12 Multiply:

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

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

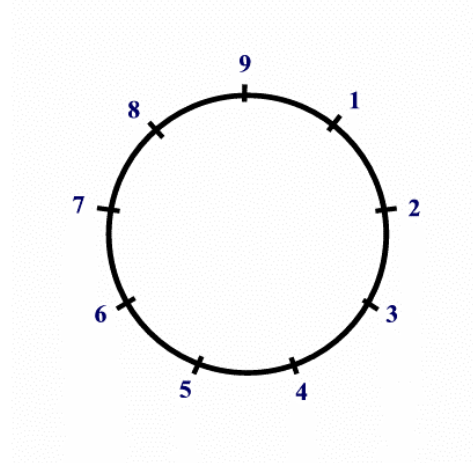
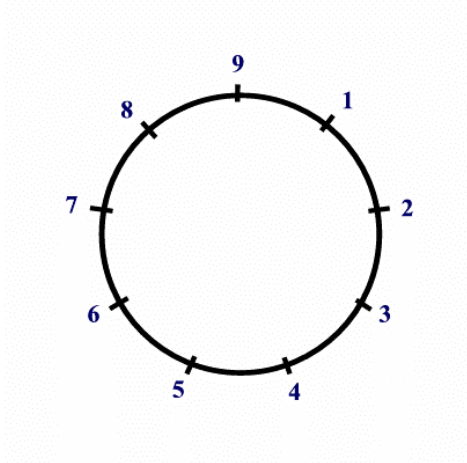
$$\begin{array}{r} 3) \quad 51 \\ \underline{56} \end{array}$$

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

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

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

Practice 9 slide 13 Tables patterns:



Practice 10 slide 15 Multiply:

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

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

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

$$\begin{array}{r} 4) \quad 9996 \\ \underline{6998} \end{array}$$

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

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

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:

1)
$$\begin{array}{r} 9889 \\ \underline{996} \end{array}$$

2)
$$\begin{array}{r} 9989 \\ \underline{97} \end{array}$$

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

4)
$$\begin{array}{r} 1023 \\ \underline{104} \end{array}$$

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

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

**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