

12. SPECIAL DIVISION

Practice 1 slide 2 Divide by 9:

- | | | |
|----------|---------|---------|
| 1) 41 | 2) 212 | 3) 7001 |
| 4) 51010 | 5) 4321 | |

Practice 2 slide 3 Divide by 9:

- | | | |
|--------|-------|--------|
| 1) 234 | 2) 77 | 3) 186 |
|--------|-------|--------|

Divide by 9 to 3 decimal places:

- | | |
|--------|---------|
| 4) 202 | 5) 1232 |
|--------|---------|

Practice 3 slide 4 Divide by 9:

- | | | |
|---------|--------|--------|
| 1) 69 | 2) 48 | 3) 175 |
| 4) 2354 | 5) 773 | 6) 658 |

Practice 4 slide 5 Divide by 8:

- | | | |
|-------|--------|--------|
| 1) 31 | 2) 111 | 3) 214 |
|-------|--------|--------|

Practice 5 slide 6 Divide:

1) $x - 1 \overline{) 5x^2 + 2x + 4}$

2) $x - 1 \overline{) x^2 + 3x + 2}$

3) $x - 2 \overline{) 4x^2 + 3x + 2}$

4) $x - 3 \overline{) 2x^2 + 3x + 2}$

Practice 6 slide 7 Divide:

1) $x + 1 \overline{) 5x^2 + 8x + 5}$

2) $x + 1 \overline{) x^2 + 7x + 9}$

3) $x + 1 \overline{) 4x^2 + 3x + 5}$

4) $x + 2 \overline{) 2x^2 + 7x + 20}$

Practice 7 slide 7 Divide by 11:

1) $2 \ 5 \ 4 \ 6$

2) $3 \ 5 \ 8$

3) $2 \ 3 \ 7 \ 6 \ 9$

4) $7 \ 1 \ 6 \ 1$

**ANSWERS
LESSON 12**

Pr 1

1) 4 r 5
4) 5667 r 7

2) 23 r 5
5) 480 r 1

3) 777 r 8

Pr 2

1) 26 r 0
4) 22.444

2) 8 r 5
5) 136.888

3) 20 r 6

Pr 3

1) 7 r 6
4) 261 r 5

2) 5 r 3
5) 85 r 8

3) 19 r 4
6) 73 r 1

Pr 4

1) 3 r 7

2) 13 r 7

3) 401 r 6

Pr 5

1) $5x + 7$ r 11
3) $4x + 11$ r 24

2) $x + 4$ r 6
4) $2x + 9$ r 29

Pr 6

1) $5x + 3$ r 2
3) $4x - 1$ r 6

2) $x + 6$ r 3
4) $2x + 3$ r 14

Pr 7

1) 231 r 5

2) 32 r 6

3) 2160 r 9

4) 651 r 0