

10. GENERAL DIVISION

Practice 1 Divide:

1) 345 by 54

2) 333 by 72

3) 444 by 87

Practice 2 slide 4

1) $321 \div 54$

2) $345 \div 46$

3) $555 \div 62$

Practice 3 slide 5

1) $765 \div 42$

2) $1221 \div 54$

3) $30303 \div 71$

4) $3553 \div 56$

Practice 4 Find to 2 decimal places:

1)
$$\begin{array}{r|l} 2 & 7 \quad 4 \quad 2 \quad 5 \\ 5 & \hline \end{array}$$

$$\begin{array}{r|l} 3 & 3 \quad 4 \quad 3 \quad . \quad 4 \\ 6 & \hline \end{array}$$

3)
$$\begin{array}{r|l} 3 & 9 \quad 0 \quad 4 \quad 1 \quad 0 \\ 7 & \hline \end{array}$$

$$\begin{array}{r|l} 3 & 1 \quad 1 \quad 1 \quad 1 \quad . \quad 3 \\ 8 & \hline \end{array}$$

Practice 5 slide 7 Divide, obtaining the first 3 figures:

1) 3456 by 58

2) 3344 by 19

3) 404 by 87

Practice 6 slide 8

1) $761 \div 102$

2) $37363 \div 123$

3) $7532 \div 203$

Practice 7 slide 10 Divide, obtaining the first 3 figures:

1) $257525 \div 821$

2) $34567 \div 612$

3) $10293 \div 734$

Practice 8 slide 12, 11 Divide, obtaining the first 3 figures:

1) $312976370 \div 9142$

2) $1156093 \div 1131$

3) $135790 \div 691$

Practice 9 slide 13, 14 Find the H.C.F. of:

1) $x^3 + 5x^2 + 10x + 8$
 $x^3 + x^2 - 2x - 8$

2) $x^3 - 3x^2 + 5x - 3$
 $x^3 - x + 6$

3) $2x^3 + 5x^2 + 5x + 6$
 $4x^3 + 4x^2 + 7x + 3$

4) $3x^2 + 10x + 8$
 $6x^2 + 11x + 4$

5) $3x^2 + 7x + 4$
 $2x^2 - x - 3$

6) $2x^3 + 9x^2 + 7x - 3$
 $2x^2 + 5x + 3$