EXERCISE 5

1. List all the prime numbers between 1 and 50.
   Use the number chart below to help you.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

2. List all the prime numbers between 50 and 60.

3. Fill in the boxes with prime numbers.
   (a) $5 \times 4 = 5 \times \square \times \square$
   (b) $6 \times 9 = \square \times 3 \times 3 \times 3$
   (c) $45 \times 2 = \square \times \square \times 3 \times 2$
   (d) $14 \times 6 = 2 \times \square \times 2 \times \square$

4. List the composite numbers between 47 and 51 and show the prime factorization of each.

EXERCISE 3

1. Add. Write each answer in its simplest form.

(a) $\frac{7}{8} + \frac{3}{4} = \frac{7}{8} + \frac{\square}{8}$ $=$	(b) $\frac{2}{3} + \frac{4}{9} = \frac{\square}{9} + \frac{4}{9}$ $=$
(c) $\frac{4}{5} + \frac{3}{10} =$	(d) $\frac{3}{4} + \frac{7}{12} =$
(e) $\frac{5}{6} + \frac{2}{3} =$	(f) $\frac{1}{2} + \frac{9}{10} =$

2. Add. Write each answer in its simplest form.

(a) $\frac{1}{6} + \frac{3}{4} =$	(b) $\frac{5}{9} + \frac{1}{2} =$
(c) $\frac{1}{2} + \frac{3}{5} =$	(d) $\frac{2}{5} + \frac{3}{4} =$
(e) $\frac{9}{10} + \frac{1}{6} =$	(f) $\frac{3}{10} + \frac{5}{6} =$

EXERCISE 13

1. Lucy spent $\frac{3}{5}$ of her money on a handbag. She spent the rest of the money on a dress and a belt. The handbag cost twice as much as the dress. The dress cost $20 more than the belt. How much money did she have at first?

2. Gary spent $48 on a watch. He spent $\frac{1}{3}$ of the remainder on a pen. If he still had $\frac{1}{2}$ of his money left, how much money did he have at first?

3. After spending $\frac{1}{3}$ of her money on a TV and $\frac{1}{4}$ of it on a game console, Cindy still had $600 left. How much money did she spend on the game console?

4. Lucy spent $\frac{3}{5}$ of her money on a purse. She spent the remainder on 3 T-shirts which cost $4 each. How much did the purse cost?