

Name:

Find the l.c.m and h.c.f of the following numbers using the prime factorization method.

1) The l.c.m and h.c.f of 36 and 54:

	36	54

$$\text{h.c.f} = \quad \times \quad \times \quad =$$

$$\text{l.c.m} = \quad \times \quad \times \quad \times \quad \times \quad =$$

2) The l.c.m and h.c.f of 45 and 60:

	45	60

$$\text{h.c.f} = \quad \times \quad =$$

$$\text{l.c.m} = \quad \times \quad \times \quad \times \quad \times \quad =$$

3) The l.c.m and h.c.f of 108 and 132:

	108	132

$$\text{h.c.f} = \quad \times \quad \times \quad =$$

$$\text{l.c.m} = \quad \times \quad \times \quad \times \quad \times \quad \times \quad =$$

4) The l.c.m and h.c.f of 84, 56 and 140:

	84	56	140

$$\text{h.c.f} = \quad \times \quad \times \quad =$$

$$\text{l.c.m} = \quad \times \quad \times \quad \times \quad \times \quad \times \quad =$$