

# Highest Common Factor

## Answers

a) 6 and 9

**6:** 1, 2, **3**, 6

**9:** 1, **3**, 9

HCF = **3**

d) 15 and 35

**15:** 1, 3, **5**, 15

**35:** 1, **5**, 7, 35

HCF = **5**

b) 8 and 12

**8:** 1, 2, **4**, 8

**12:** 1, 2, 3, **4**, 6, 12

HCF = **4**

e) 14 and 28

**14:** 1, 2, 7, **14**

**28:** 1, 2, 4, 7, **14**, 28

HCF = **14**

c) 18 and 30

**18:** 1, 2, 3, **6**, 9, 18

**30:** 1, 2, 3, 5, **6**, 10, 15, 30

HCF = **6**

f) 32 and 36

**32:** 1, 2, **4**, 8, 16, 32

**36:** 1, 2, 3, **4**, 6, 9, 12, 18, 36

HCF = **4**