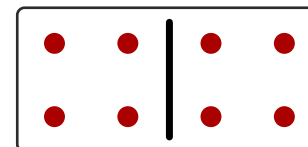
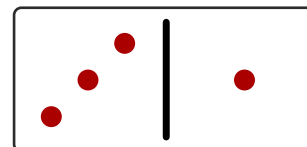
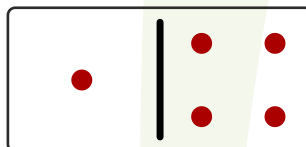
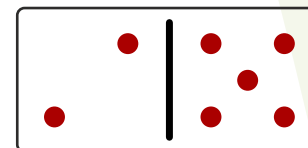
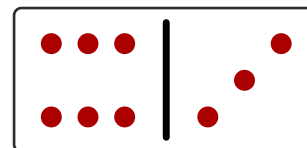
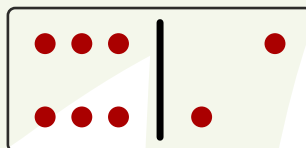


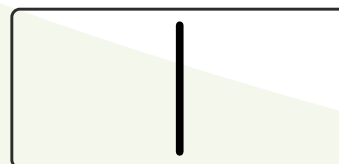
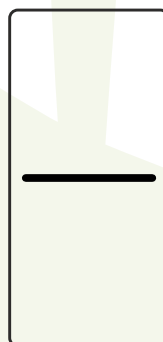
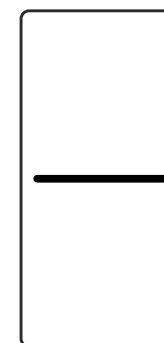
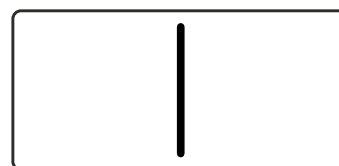
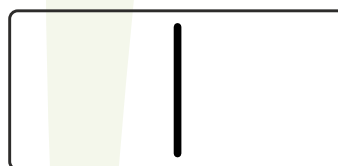


Closed Chain

David has the
six pieces shown.



David claims that with the six pieces he can
form a closed chain.



Do you agree?



Digital Sum

The number 18 is twice its digital sum.

$$18 = 2 \times (1 + 8)$$

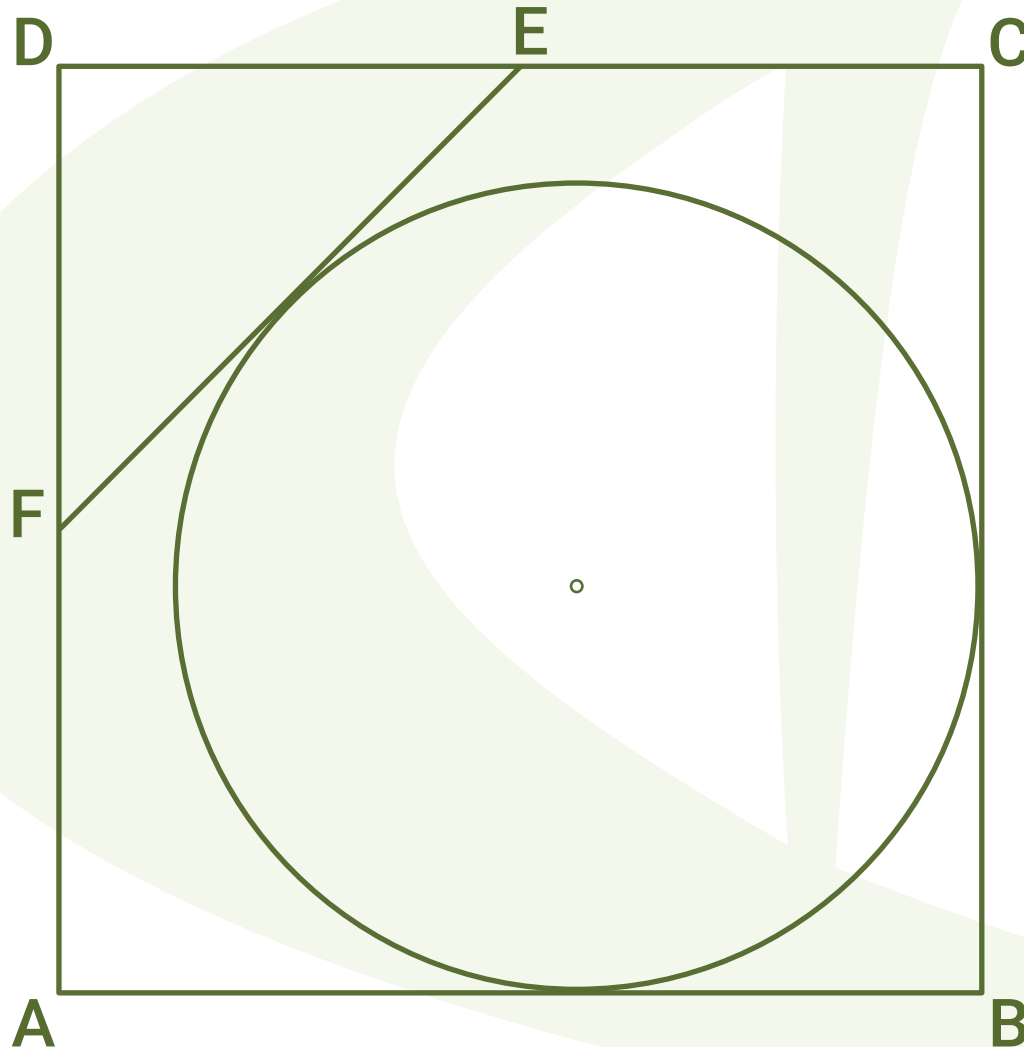
The number 27 is 3 times its digital sum.

$$27 = 3 \times (2 + 7)$$

Find all two-digit numbers that are four times
their digital sum.



Quick Geometry



**ABCD square of side
16 dm.**

E, F midpoints.

**Determine the radius
of the circle inscribed
in the pentagon
ABCEF.**