



Concorde Flight Computer Code

Calculate the missing flight telemetry values using symbol math to reveal the passcode for the supersonic jet's engine lock.

Name: _____ Date: _____

1 THE KEY

$$\triangle = \square \quad + = \square \quad \text{⚡} = \square \quad \text{⬠} = 14 \quad \bullet = 9 \quad \bigcirc = 10$$

Every symbol is a whole number from 1 to 20. A number in front of a shape means multiply: 2 stars = 2 x star.

2 FIND THE MISSING VALUES

Some shapes in the key are missing. Use these to work them out, in order, and write them into the key.

$$+ \times \bigcirc = 130$$

$$\text{⚡} - \text{⬠} = 6$$

$$\triangle - \bullet = 7$$

3 CRACK THESE

$$1. \text{⬠} \times \text{⚡} - + \times \triangle = \square$$

$$2. \triangle \times + - \bullet \times \text{⬠} = \square$$

CODE 1

$$3. 10 \bullet - \text{⬠} = \square$$

$$4. \text{⚡} \div 2 + \bigcirc = \square$$

CODE 2

$$5. \triangle \times \text{⬠} - + = \square$$

$$6. 3 \triangle + 2 \text{⬠} = \square$$

CODE 3

$$7. (+ + \bigcirc) \times \text{⬠} = \square$$

$$8. \text{⬠} \div 2 + + = \square$$

CODE 4

$$9. 10 \triangle - \text{⬠} = \square$$

$$10. \triangle \times \bigcirc - \bullet = \square$$

4 THE VAULT CODE

Write the ONES digit of your answers to problems 2, 4, 6, 8 (the ones tagged CODE 1-4), in that order. That opens the concorde engine starter.

Answer Key

Concorde Flight Computer Code · Grade 5 Crack the Code

The key

 triangle = **16** (hidden)
  cross = **13** (hidden)
  lightning bolt = **20** (hidden)
  pentagon = **14**
 circle = **9**
 ring = **10**

Every symbol is a whole number from 1 to 20.

1.  ×  -  ×  (pentagon x lightning bolt - cross x triangle) **72**
2.  ×  -  ×  (triangle x cross - circle x pentagon) **82**
3. **10**  -  (10 x circle - pentagon) **76**
4.  ÷ **2** +  (lightning bolt / 2 + ring) **20**
5.  ×  -  (triangle x pentagon - cross) **211**
6. **3**  + **2**  (3 x triangle + 2 x pentagon) **76**
7. **(**  +  **)** ×  ((cross + ring) x pentagon) **322**
8.  ÷ **2** +  (pentagon / 2 + cross) **20**
9. **10**  -  (10 x triangle - pentagon) **146**
10.  ×  -  (triangle x ring - circle) **151**

Vault code: **2060**