## Rearranging Formulae – Code Breaking **Answers**

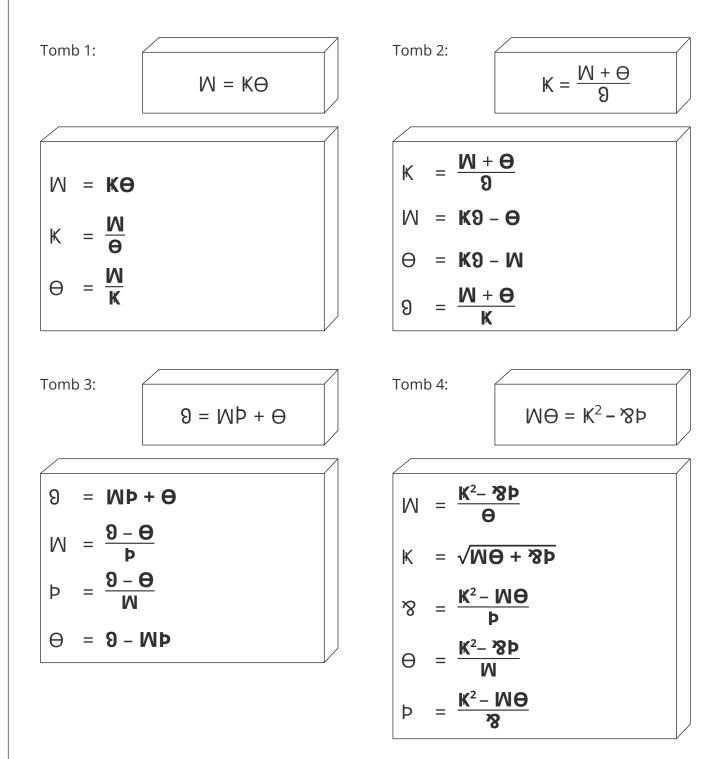
As a famous archaeologist's less well-known brother, Colorado Jones, you are trying to break into a series of ancient tombs. To disarm the traps, you need to use the clues below to decode each ancient rune.

For example, if a tomb has the code:  $P = \frac{9}{W}$ , you must rearrange this to give the three codes below:

$$P = \frac{9}{W}$$
  

$$9 = PW$$
 (multiply both sides by W)  

$$W = \frac{9}{P}$$
 (multiply both sides by M, then divide both sides by P)



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Tomb 5:

The final tomb. You must use the **P** rune in each decoding.

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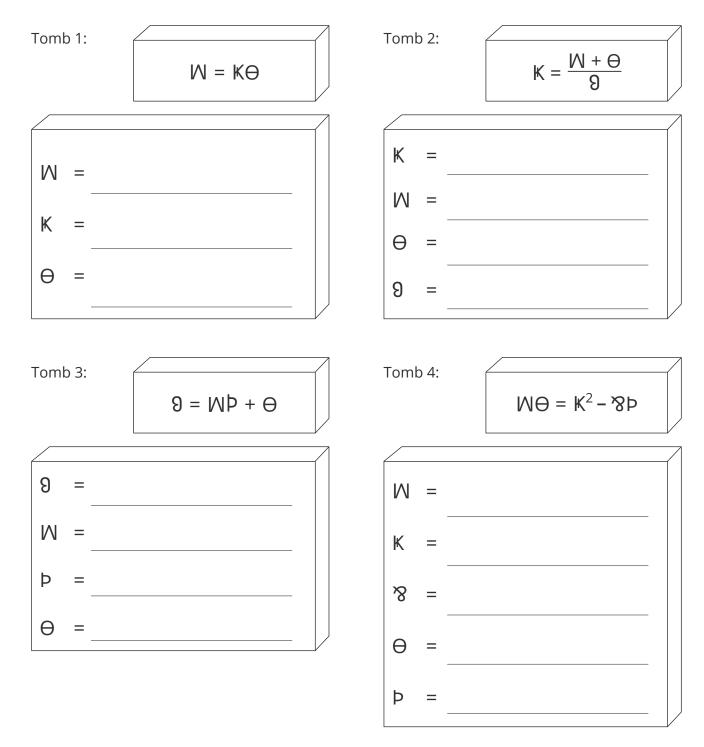
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