

# SELF-ASSESSMENT: RSPT 1060 – Module A-6

	FORMULA:	FIND:	SHOW YOUR WORK:
1.	$A \times B = C / D$	A	$\frac{A \times B}{1} = \frac{C}{D} \times \frac{1}{B} \times \frac{A \times B}{1} = \frac{C}{D} \times \frac{1}{B} \quad A = \frac{C}{D \times B}$
2.	$A \times B = C / D$	B	$\frac{A \times B}{1} = \frac{C}{D} \times \frac{1}{A} \times \frac{A \times B}{1} = \frac{C}{D} \times \frac{1}{A} \quad B = \frac{C}{D \times A}$
3.	$A \times B = C / D$	C	$\frac{C}{D} = \frac{A \times B}{1} \times \frac{D}{1} \times \frac{C}{D} = \frac{A \times B}{1} \times \frac{D}{1} \quad C = D \times A \times B$
4.	$A \times B = C / D$	D	$\frac{D}{C} = \frac{1}{A \times B} \text{ Invert } \frac{C}{1} \times \frac{D}{C} = \frac{1}{A \times B} \times \frac{C}{1} \quad D = \frac{C}{A \times B}$
5.	$A / B = C \times D$	A	$\frac{B}{1} \times \frac{A}{B} = C \times D \times \frac{B}{1} \quad A = C \times D \times B$
6.	$A / B = C \times D$	B	$\frac{B}{A} = \frac{1}{C \times D} \text{ Invert } \frac{A}{1} \times \frac{B}{A} = \frac{1}{C \times D} \times \frac{A}{1} \quad B = \frac{A}{C \times D}$
7.	$A / B = C \times D$	C	$C \times D = \frac{A}{B} \times \frac{1}{D} \times C \times D = \frac{A}{B} \times \frac{1}{D} \quad C = \frac{A}{B \times D}$
8.	$A / B = C \times D$	D	$C \times D = \frac{A}{B} \times \frac{1}{C} \times C \times D = \frac{A}{B} \times \frac{1}{C} \quad D = \frac{A}{B \times C}$
9.	$A / B = C / D$	A	$\frac{B}{1} \times \frac{A}{B} = \frac{C}{D} \times \frac{B}{1} \quad A = \frac{C \times B}{D}$
10.	$A / B = C / D$	B	$\frac{B}{A} = \frac{D}{C} \text{ Invert } \frac{A}{1} \times \frac{B}{A} = \frac{D}{C} \times \frac{A}{1} \quad B = \frac{D \times A}{C}$
11.	$A / B = C / D$	C	$\frac{C}{D} = \frac{A}{B} \times \frac{D}{1} \times \frac{C}{D} = \frac{A}{B} \times \frac{D}{1} \quad C = \frac{A \times D}{B}$

12	$A/B = C/D$	D	$\frac{B}{A} = \frac{D}{C} \text{ Invert } \frac{C}{1} \times \frac{D}{C} = \frac{B}{A} \times \frac{C}{1} \quad D = \frac{B \times C}{A}$
13	$A \times B = C \times D$	A	$\frac{1}{B} \times A \times B = C \times D \times \frac{1}{B} \quad A = \frac{C \times D}{B}$
14	$A \times B = C \times D$	B	$\frac{1}{A} \times A \times B = C \times D \times \frac{1}{A} \quad B = \frac{C \times D}{A}$
15	$A \times B = C \times D$	C	$C \times D = A \times B \quad \frac{1}{D} \times C \times D = A \times B \times \frac{1}{D} \quad C = \frac{A \times B}{D}$
16	$A \times B = C \times D$	D	$C \times D = A \times B \quad \frac{1}{C} \times C \times D = A \times B \times \frac{1}{C} \quad D = \frac{A \times B}{C}$