

Function machines and formulae: answers

Most sheet

Most Work backwards to find the input or a missing step.**1 7** Output 4, undo $+1 = 3$, undo $-4 = 7$ — so 7 went in.**2 3** $10 \times ? = 30$, so $? = 3$.**3 10** Output 5, undo $\div 2 = 10$ — so 10 went in.**4 11** $9 + ? = 20$, so $? = 11$.**5 10** Output 55, undo $+5 = 50$, undo $\times 5 = 10$ — so 10 went in.**6 4** $5 - ? = 1$, so $? = 4$.**7 9** Output 13, undo $+4 = 9$ — so 9 went in.**8 3** $8 \times ? = 24$, so $? = 3$.**9 9** Output 4, undo $-5 = 9$, undo $\div 3 = 27$, undo $\times 3 = 9$ — so 9 went in.**10 8** $1 + ? = 9$, so $? = 8$.**11 8** Output 5, undo $-3 = 8$ — so 8 went in.**12 6** $7 + ? = 13$, so $? = 6$.Free to print and share. Posting it online? Please link to www.tigersharkeducation.co.uk/resources

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