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| **Angle Rules** |
| Find the value of $x$ in each of these diagrams, stating any angle rules you use. |
| **(a)** | **(b)** | **(c)** | **(d)** |
| A black and white drawing of a circle and a pink circle with black lines  Description automatically generated | A black and pink triangle with black numbers and a pink circle  Description automatically generated | A black and white circle with a pink circle and black lines  Description automatically generated | A black and white circle with black numbers and a pink circle with black lines  Description automatically generated |
| **(e)** | **(f)** | **(g)** | **(h)** |
| A drawing of a sun and a triangle  Description automatically generated | A yellow triangle with black lines  Description automatically generated | A triangle with a yellow circle  Description automatically generated | A triangle with a yellow circle and x  Description automatically generated |
| **(i)** | **(j)** | **(k)** | **(l)** |
| A triangle with a green circle and black lines  Description automatically generated | A drawing of a triangle with a green triangle and numbers  Description automatically generated | A triangle with a green circle and black text  Description automatically generated | A drawing of a triangle with a green triangle and a green triangle  Description automatically generated |