

# GEARS

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On behalf of The World Association of Technology Teachers

## W.A.T.T.



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# GEARS

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1 When gears mesh together what are they called?

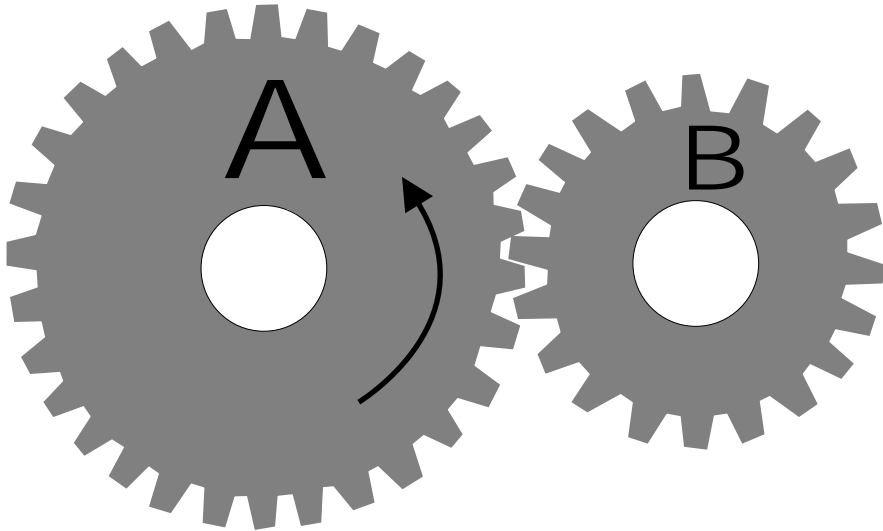
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2. Name and describe a mechanical devices with gears.

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3. The gears shown opposite are meshing together. One is the DRIVER - label the other gear wheel with its correct name.

DRIVER

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4. Which gear wheel drives the other gear wheel round?

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5. If gear 'A' turns in a clockwise direction, in which direction does gear 'B' turn?

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7. Which of the two gears turns the fastest?

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8. Gear 'A' has 30 teeth and gear 'B' has 20 teeth. If gear 'A' turns one revolution, how many times will gear 'B' turn? Place your working out and answer in the space below.