



Name the Film



Area and Circumference of Circles

| A | B | C | D | E | F | G | H | I | J | K | L | M |
|------|-----|-----|------|------|-------|------|-------|------|------|------|-----|------|
| 23.1 | 8.6 | 7.2 | 50.4 | 17.3 | 124.7 | 50.3 | 201.1 | 14.1 | 62.4 | 50.2 | 8.6 | 14.2 |

| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
|-----|------|------|------|------|------|------|------|------|-----|-----|------|-------|
| 7.1 | 91.7 | 45.7 | 46.0 | 45.8 | 14.3 | 28.6 | 51.0 | 62.3 | 5.0 | 7.0 | 23.0 | 183.3 |

Answer the questions to 1 decimal place, link your answers to the letters above and unscramble to find the name of a film:

AVENGERS

| Question | Find the area in cm^2 of a circle with a diameter of 8 cm | Find the circumference in cm of a circle with a diameter of 5.5 cm | Find the area in cm^2 of a semi-circle with a radius of 6.3 cm | Find the perimeter in cm of a semi-circle with a diameter of 9 cm |
|----------|--------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------|
| Answer | 50.3 | 17.3 | 62.3 | 23.1 |
| Letter | G | E | V | A |

| Question | Find the diameter in cm of a circle with an area of 235 cm^2 . | Find the radius in cm of a circle with a circumference of 90 cm. | Find the radius in cm of a semi-circle with an area of 80 cm^2 . | Find the area in cm^2 of a circle with a circumference of 24 cm. |
|----------|--------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Answer | 17.3 | 14.3 | 7.1 | 45.8 |
| Letter | E | S | N | R |