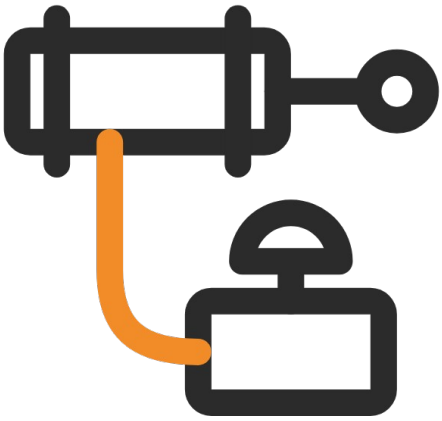
Lesson Pn1 Review Questions

Pneumatic Systems and Air Types



Answer every question in your jotter. Show your working. Tap a question below to go to it. Tap **Show answer** under a question to mark it.

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Answers	Review Questions: marking instructions	3

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Questions

2019 Section 1 Question 3

1. Pneumatic circuits can use both main air and pilot air.

Describe the function of

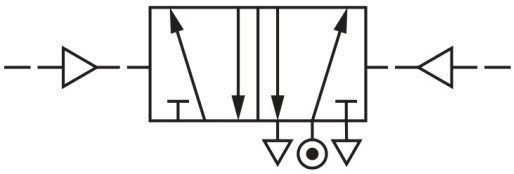
(a) main air **1**

(b) pilot air. **1**

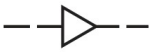
Show answer ›

2026 Section 1 Question 1

2. The symbol for a 5/2 valve is shown.



Complete the table below by naming the air type symbols shown on the valve. **3**

Air type symbol	Name of air type
	
	
	

Show answer ›

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Answers

Check your understanding (booklet)

1 Compressed air.

2 Main air operates a cylinder (makes the piston outstroke or instroke). Pilot air actuates a valve.

3 Pilot air: a dashed line. Main air: a solid line.

4 Any two: wear goggles; air off before connecting a pipe; push pipes fully in; never point a pipe or exhaust at anyone; keep fingers clear of a moving piston.

Answer to question 1

2019 Section 1 Question 3

Marking instructions

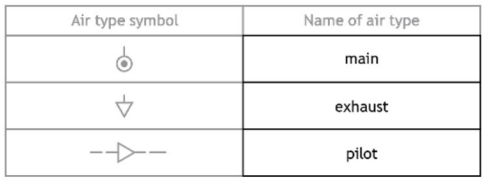
Question			Expected response	Max mark	Additional guidance
3.	(a)		Air that operates a piston/cylinder.	1	Descriptive response of function. Accept instroke/outstroke/actuate a cylinder. Must specifically refer to operating (stated or inferred) a cylinder/ piston.
	(b)		Air used to actuate a valve.	1	Descriptive response of function. Must specifically refer to operating (stated or inferred) a valve.

‹ Back to question 1

Answer to question 2

2026 Section 1 Question 1

Marking instructions

Question			Expected response	Max mark	Additional guidance
1.				3	**1 mark** for main air. **1 mark** for exhaust. **1 mark** for pilot air. Accept air types clearly labelled on the valve.

‹ Back to question 2

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